

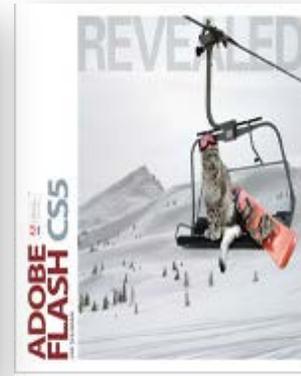
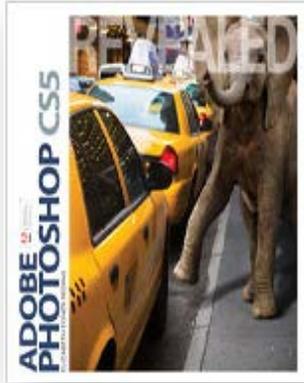
# The Design Collection Revealed Adobe InDesign CS5, Photoshop CS5, and Illustrator CS5

Authors: Chris Botello and  
Elizabeth Reding

Copyright 2011

ISBN: 9781111130633







# The Revealed Approach

- Intermediate coverage of InDesign, Photoshop, and Illustrator skills
- Full color, in-depth information on the “how” and “why” behind the skill
- Step-by-step instruction – Quick reference steps
- In-depth conceptual information
- Teaches design skills as well as technical skills
- End-of-chapter learning projects, and step-by-step tutorials, readers acquire top-notch skills.



## BRIEF CONTENTS

### INDESIGN

<b>Chapter 1</b>	<b>Getting to Know InDesign</b>
Lesson 1	Explore the InDesign Workspace 1-4
2	View and Modify Page Elements 1-12
3	Navigate Through a Document 1-24
4	Work with Objects and Smart Guides 1-28
<b>Chapter 2</b>	<b>Working with Text</b>
Lesson 1	Format Text 2-4
2	Format Paragraphs 2-12
3	Create and Apply Styles 2-20
4	Edit Text 2-26
5	Create Bulleted and Numbered Lists 2-30
<b>Chapter 3</b>	<b>Setting Up a Document</b>
Lesson 1	Create a New Document and Set Up a Master Page 3-4
2	Create Text on Master Pages 3-24
3	Apply Master Pages to Document Pages 3-34
4	Modify Master Pages and Document Pages 3-38
5	Place and Thread Text 3-44
6	Create New Sections and Wrap Text 3-52
<b>Chapter 4</b>	<b>Working with Frames</b>
Lesson 1	Align and Distribute Objects on a Page 4-4
2	Stack and Layer Objects 4-20
3	Work with Graphics Frames 4-32
4	Work with Text Frames 4-46

<b>Chapter 5</b>	<b>Working with Color</b>
Lesson 1	Work with Process Colors 5-4
2	Apply Color 5-12
3	Work with Spot Colors 5-24
4	Work with Gradients 5-30

### PHOTOSHOP

<b>Chapter 1</b>	<b>Getting Started with Adobe Photoshop CS5</b>
Lesson 1	Start Adobe Photoshop CS5 1-4
2	Learn How to Open and Save an Image 1-8
3	Examine the Photoshop Window 1-16
4	Close a File and Exit Photoshop 1-24
5	Learn About Design Principles and Copyright Rules 1-26
<b>Chapter 2</b>	<b>Learning Photoshop Basics</b>
Lesson 1	Use Organizational and Management Features 2-4
2	Use the Layers and History Panels 2-10
3	Learn About Photoshop by Using Help 2-14
4	View and Print an Image 2-20
<b>Chapter 3</b>	<b>Working with Layers</b>
Lesson 1	Examine and Convert Layers 3-4
2	Add and Delete Layers 3-8
3	Add a Selection from One Image to Another 3-12
4	Organize Layers with Layer Groups and Colors 3-16

<b>Chapter 4</b>	<b>Making Selections</b>
Lesson 1	Make a Selection Using Shapes 4-4
2	Modify a Marquee 4-12
3	Select Using Color and Modify a Selection 4-16
4	Add a Vignette Effect to a Selection 4-22

<b>Chapter 5</b>	<b>Incorporating Color Techniques</b>
Lesson 1	Work with Color to Transform an Image 5-4
2	Use the Color Picker and the Swatches Panel 5-10
3	Place a Border Around an Image 5-16
4	Blend Colors Using the Gradient Tool 5-18
5	Add Color to a Grayscale Image 5-22
6	Use Filters, Opacity, and Blending Modes 5-26
7	Match Colors 5-32

<b>Chapter 6</b>	<b>Placing Type in an Image</b>
Lesson 1	Learn About Type and How It Is Created 6-4
2	Change Spacing and Adjust Baseline Shift 6-8
3	Use the Drop Shadow Style 6-12
4	Apply Anti-Aliasing to Type 6-16
5	Modify Type with Bevel and Emboss and Repoussé 6-20
6	Apply Special Effects to Type Using Filters 6-24
7	Create Text on a Path 6-28

### ILLUSTRATOR

<b>Chapter 1</b>	<b>Getting to Know Illustrator</b>
Lesson 1	Explore the Illustrator Workspace 1-4
2	View and Modify Artboard Elements 1-14
3	Work with Objects and Smart Guides 1-24
4	Create Basic Shapes 1-36
5	Apply Fill and Stroke Colors to Objects 1-40
6	Select, Move, and Align Objects 1-44
7	Transform Objects 1-48
8	Make Direct Selections 1-54
9	Work with Multiple Artboards 1-62

<b>Chapter 2</b>	<b>Creating Text and Gradients</b>
Lesson 1	Create Point Text 2-4
2	Flow Text into an Object 2-10
3	Position Text on a Path 2-14
4	Create Colors and Gradients 2-18
5	Apply Colors and Gradients to Text 2-24
6	Adjust a Gradient and Create a Drop Shadow 2-28

<b>Chapter 3</b>	<b>Drawing and Composing an Illustration</b>
Lesson 1	Draw Straight Lines 3-4
2	Draw Curved Lines 3-10
3	Draw Elements of an Illustration 3-18
4	Apply Attributes to Objects 3-24
5	Assemble an Illustration 3-28
6	Stroke Objects for Artistic Effect 3-30
7	Use Live Trace and the Live Paint Bucket Tool 3-36

<b>Chapter 4</b>	<b>Transforming and Distorting Objects</b>
Lesson 1	Transform Objects 4-4
2	Offset and Outline Paths 4-14
3	Create Compound Paths 4-18
4	Work with the Pathfinder Panel 4-22
5	Use the Shape Builder Tool 4-34
6	Create Clipping Masks 4-38

<b>Chapter 5</b>	<b>Working with Layers</b>
Lesson 1	Create and Modify Layers 5-4
2	Manipulate Layered Artwork 5-12
3	Work with Layered Artwork 5-20
4	Create a Clipping Set 5-26

### INTEGRATION

<b>Chapter 1</b>	<b>Integrating Illustrator, Photoshop, and InDesign</b>
Lesson 1	Copy and Paste from Illustrator to Photoshop 1-4
2	Export Layers from Illustrator to Photoshop 1-8
3	Create a Chisel Hard Emboss Layer Style 1-12
4	Create a Stamp Visible layer 1-16
5	Create a Smooth Emboss Layer Style 1-18
6	Create and Apply a Gradient Overlay to a Layer Style 1-22
7	Create a Pillow Emboss Layer Style 1-26
8	Copy Layer Styles Between Layers 1-30
9	Add an Outer Glow Layer Style 1-32
10	Apply Blending Modes 1-34
11	Create an InDesign Output File 1-36
	Data Files 01
	Glossary 10
	Index 22
	Art Credits 45





# Tools You'll Use

Each chapter begins with a **visual overview** of the tools that will be used in the chapter.

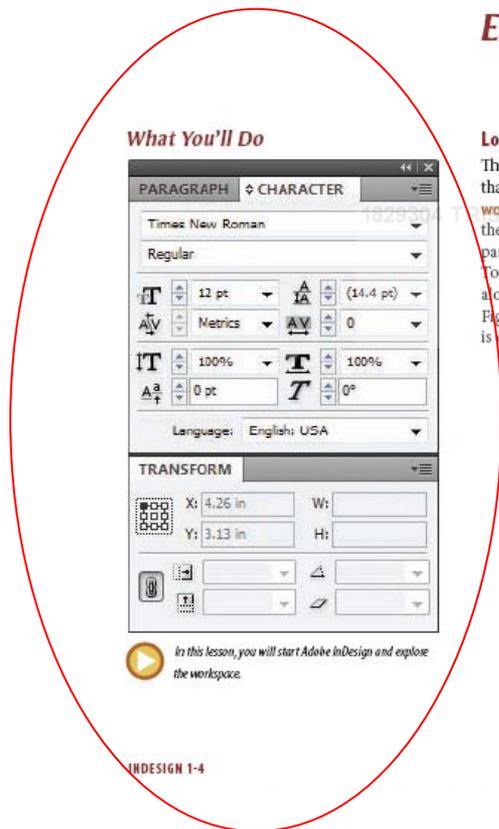
TOOLS YOU'LL USE





# What You'll Do

Each lesson starts with a ***What You'll Do figure***. This figure gives students an at-a-glance look at what's to come in the chapter and a detailed description of the following lesson.

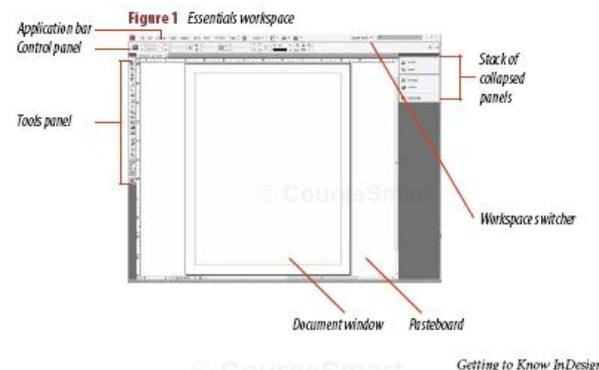


## Explore the INDESIGN WORKSPACE

### Looking at the InDesign Workspace

The arrangement of windows and panels that you see on your monitor is called the **workspace**. The InDesign workspace features the following areas: the document window, pasteboard, Application bar, Control panel, Tools panel, and a stack of collapsed panels along the right side of the pasteboard.

InDesign CS5 offers a number of pre-defined workspaces that are customized for different types of tasks. Each workspace is designed so that panels with similar functions are grouped together. For example, the Typography workspace shows the many type- and typography-based panels that are useful for working with type. You can switch from one workspace to another by clicking Window on the application bar, pointing to Workspace, and then choosing a workspace.





# Conceptual Lessons

2. Click the **pasteboard** to escape the View menu, then press [Ctrl][H] (Win) or [⌘] [H] (Mac) several times to toggle between hiding and showing frame edges, finishing with frame edges showing.

**TIP** The Hide Frames shortcut key is easy to remember if you think of H for Hide. Remember though, that this shortcut key only hides and shows frame edges, not other elements, like ruler guides, which use different shortcut keys.

3. Click **View** on the Application bar, point to **Grids & Guides**, then note the Show/Hide Guides command and its shortcut key.

The Guides command says either Hide Guides or Show Guides depending on your current status.

4. Click the **pasteboard** to escape the View menu, then press [Ctrl][G] (Win) or [⌘] [G] (Mac) several times to toggle between hiding and showing guides, finishing with guides showing.

Horizontal and vertical ruler guides alternately hide and show. In addition, purple margin guides hide and show .25" within the perimeter of the page, as shown in Figure 21.

**TIP** Make note of the difference between the Hide/Show guides shortcut key and the Hide/Show Frame Edges shortcut key.

5. Click **View** on the Application bar, point to **Grids & Guides**, then note the Show/Hide Document Grid command and its shortcut key.

(continued)

Figure 21 Viewing frame edges and guides

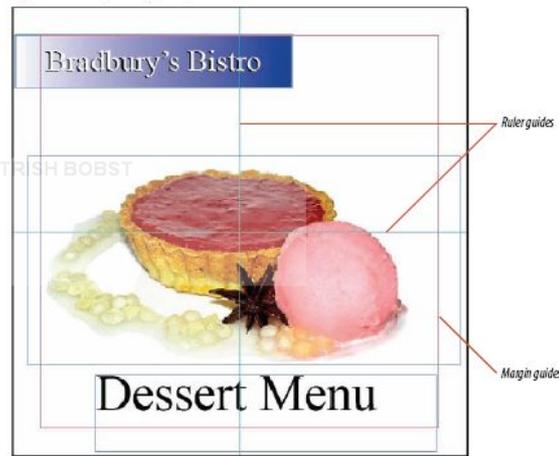


TABLE 2: SHORTCUT KEYS FOR VIEWING COMMANDS		
	Windows	Mac
Hide/Show Guides	Ctrl+;	⌘+;
Hide/Show Edges	Ctrl+R	⌘+H
Hide/Show Rulers	Ctrl+R	⌘+R
Activate/Deactivate Smart Guides	Ctrl+U	⌘+U
Fit Page in Window	Ctrl+0	⌘+0
Fit Spread in Window	Alt+Ctrl+0	Option+⌘+0
Toggle Normal and Preview Screen Modes	W	W
Toggle Presentation Mode On/Off	Shift+W	Shift+W

### Setting up Document and Frame-Based Grids

Sometimes ruler guides just aren't enough, so designers choose to work with grids. Grids are multiple guides positioned to create a grid pattern across the layout. Grids help you align objects quickly and precisely. Every InDesign file you create has a default Document Grid, which you can hide or show using the Hide or Show Document Grid command in the Guides & Grids options on the View menu. You can modify the color and spacing increments of the default document grid using the Grids command in the Preferences options on the Edit menu. Choose Snap to Document Grid in the Grids and Guides options on the View menu to force objects to align to the Document Grid.

Sometimes you'll want to use a grid in a specific text frame as opposed to across the entire document. You can set up a grid for a text frame in the Text Frame Options dialog box. Select the frame, click the Object menu, then click Text Frame Options. Click the Baseline Options tab at the top of the dialog box, then enter specifications for the frame-based grid.

The Document Grid command says either Hide Document Grid or Show Document Grid depending on your current status.

6. Click the **pasteboard** to escape the View menu, then press [Ctrl][G] (Win) or [⌘] [G] (Mac) several times to toggle between hiding and showing the document grid.

Table 2 includes frequently used Viewing command shortcut keys.

**TIP** Make note of the difference between the Hide/Show Guides shortcut key and the Hide/Show Document Grid shortcut key—they're just one key away from each other.

7. Click **View** on the Application bar, point to **Grids & Guides**, then note the Snap to Guides and Snap to Document Grid commands.

The Snap to Guides and Snap to Document Grid commands are on/off commands. When they're active, a check mark is visible to the left of the command.

8. Click the **pasteboard** to escape the View menu.

You used shortcut keys to hide and show frame edges, ruler guides, and the document grid. You noted the location of the Snap to Guides and Snap to Document Grid commands in the View menu.

### Toggle between screen modes

1. Click the **View** menu, point to **Screen Mode**, then click **Preview**.

All guides and frame edges are hidden and the pasteboard is now gray. The Application bar and panels remain visible.

2. Press [W] on your keypad several times to toggle between Preview and Normal modes, finishing with your document in Normal mode.

Lessons walk through each process, step by step with detailed images, icons, tips and notes.





# Skills Review

## SKILLS REVIEW

(CONTINUED)

3. In the Swatch Name text box, type **Red/Golden/Green Linear**.
4. Click the left color stop on the Gradient Ramp, click the Stop Color list arrow, then click Swatches.
5. Click the swatch named Red.
6. Click the right color stop on the Gradient Ramp, click the Stop Color list arrow, click Swatches, then click the swatch named Green.
7. Position your pointer anywhere immediately below the Gradient Ramp, then click to add a third color stop.
8. Type **50** in the Location text box, then press [Tab].

9. Click the Stop Color list arrow, choose Swatches, click the swatch named Gold, then click OK.
10. Click the Show Gradient Swatches button on the Swatches panel.
11. Click the Selection tool, select the border of the top rectangular frame, verify that the Fill button is activated on the Tools panel, then click Red/Golden/Green Linear on the Swatches panel.
12. Click the Gradient Swatch tool, then drag from the top-middle handle of the rectangular frame down to the bottom-right handle.

13. Display the Gradient panel if necessary.
14. Click the Selection tool, deselect the top rectangular frame, then select the three lower rectangular frames.
15. Click Red/Golden/Green Linear on the Swatches panel.
16. Click the Gradient Swatch tool, and with all three objects still selected, drag the Gradient Swatch tool from the left edge of the leftmost frame to the right edge of the rightmost frame.
17. Deselect all, then compare your work to Figure 62.
18. Save your work, then close Gradient Skills Review.

Figure 61 Completed Skills Review, Part 1

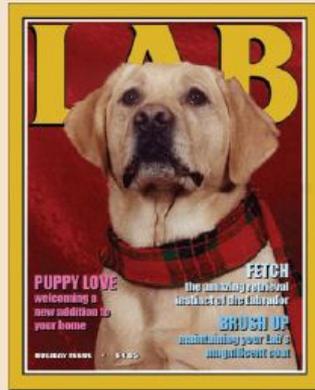
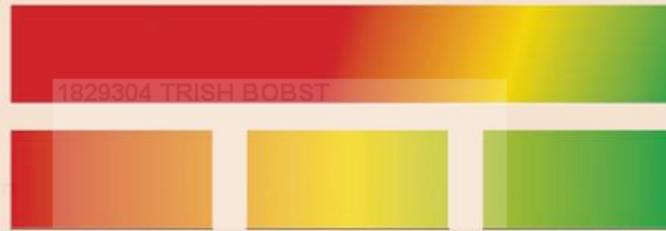


Figure 62 Completed Skills Review, Part 2



The Skills Reference table highlights power user shortcuts to tools used in the chapter Skills Review exercises are included at the end of each chapter and contain hands-on practice exercises that mirror the progressive nature of the lesson material.





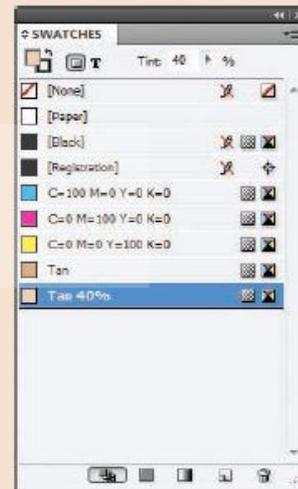
# Project Builder

## PROJECT BUILDER 1

You are a freelance graphic designer. You have recently been contracted to create a newsletter for a local financial investment company. The newsletter will be 8.5" × 11" and will be printed using the CMYK process inks. You decide on the colors you want to use, open InDesign, create a new document, then, before you start designing, create a process color and a 40% tint of that color.

1. Open ID 5-5.indd, then save it as Process Colors.
2. Click the Swatches panel options button, then click New Color Swatch.
3. Create a CMYK color named Tan using the following values: Cyan 0%, Magenta 30%, Yellow 55%, and Black 20%.
4. Create a new tint swatch based on Tan, then change the tint amount to 40%.
5. Compare your Swatches panel to Figure 63, save your work, then close Process Colors. (Don't be concerned if your swatch order differs.)

Figure 63 Completed Project Builder 1

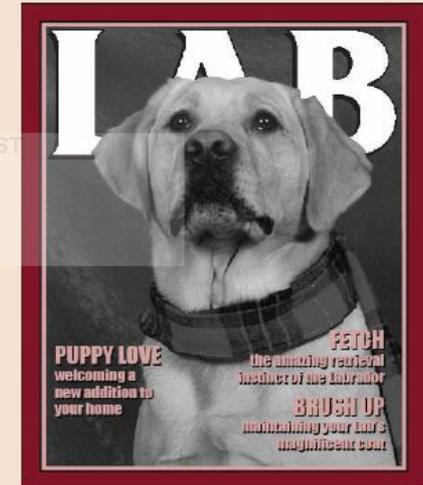


You are a freelance graphic designer. You have recently been contracted to create a cover for LAB magazine. The magazine is usually published only with one color—in black and white—but the publishers have some extra money for this issue. They want you to create a design for this cover so that it will print as a two-color job. It will be printed with black and one spot color. They provide you with the black and white version of the cover. You are free to choose the spot color and apply it in whatever way you think is best.

1. Open ID 5-6.indd, then save it as 2 Color Cover.
2. Click the Swatches panel options button, then click New Color Swatch.
3. Click the Color Type list arrow, then choose Spot.
4. Click the Color Mode list arrow, then choose PANTONE solid coated.
5. Choose PANTONE 195 C, then click OK.
6. Click the Swatches panel option button, then click New Tint Swatch.
7. Drag the Tint slider to 25%, then click OK.
8. Change the fill of the outermost frame that is filled with black to PANTONE 195 C.
9. Click the inner white border that is filled with Paper and stroked with Black, then change its fill color to PANTONE 195 C 25%.
10. Change the fill color on the three white headlines to PANTONE 195 C 25%.
11. Compare your cover to Figure 64, save your work, then close 2 Color Cover.

## PROJECT BUILDER 2

Figure 64 Completed Project Builder 2



Two Project Builder exercises are featured at the end of each chapter. These exercises require students to apply the skills learned in the chapter. Includes finished example of the project.





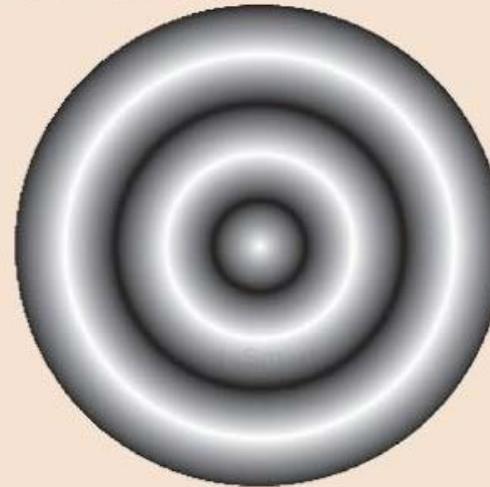
# Design Project

## DESIGN PROJECT

You have recently been contracted to create a logo for the Hypnotists Foundation. Their representative tells you that he wants the logo to be a circle filled with a radial gradient. Starting from the inside of the circle, the colors should go from white to black to white to black to white to black. He tells you that he wants each color to be very distinct—in other words, he doesn't want the white and black colors to blend into each other, creating a lot of gray areas in the logo.

1. Open ID 5-7.indd, then save it as **Concentric Circle Gradient**.
2. Click the Swatches panel options button, then click New Gradient Swatch.
3. Create a radial gradient named **Six Ring Radial**.
4. Add four new color stops to the Gradient Ramp, then position them so that they are equally spaced across the ramp.
5. Format the first, third, and fifth color stops as 0% CMYK (White).
6. Format the second, fourth and sixth color stops as 100% Black.
7. Close the New Gradient Swatch dialog box, then apply the new gradient to the circle.
8. Hide the frame edges, then compare your work to Figure 65.
9. Save your work, then close Concentric Circle Gradient.

Figure 65 Completed Design Project



A **Design Project** exercise is featured at the end of each chapter. This exercise requires students to apply the skills learned in the chapter.





# Portfolio Project

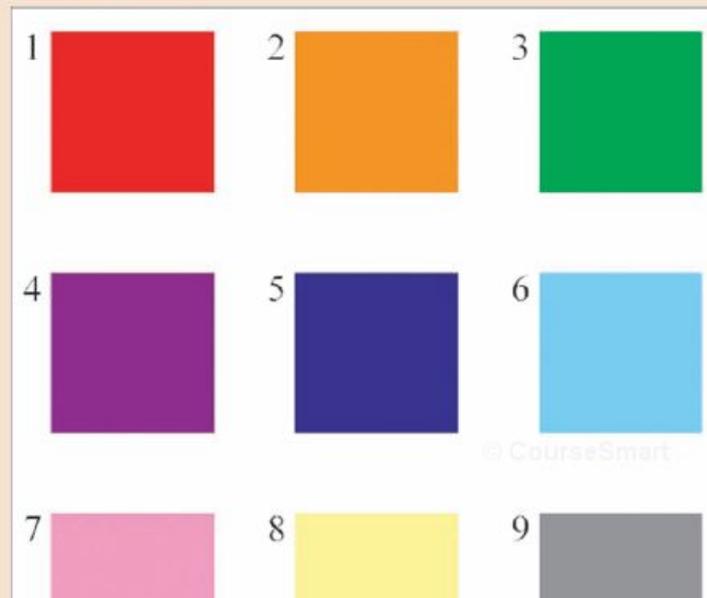
## PORTFOLIO PROJECT

© CourseSmart

This project will test your familiarity with process colors. You will open an InDesign document that shows nine process colors. Each process color is numbered from 1 to 9. All nine colors are very basic mixes. None of the nine is composed of more than two process inks. The inks used to create the nine colors are used at either 100% or 50%. Your challenge is to guess the CMYK components of each color.

1. Open ID 5-8.indd, then save it as **Guessing Game**. The color squares are shown in Figure 66.
2. Use the Type tool to enter your guesses for each process color. You can type directly on top of each of the nine squares or directly below each, for example, **Magenta=100**.
3. When finished, double-click each color on the Swatches panel to identify the actual CMYK mix.
4. Enter the total number of your correct answers on your document window, save your work, then close Guessing Game.

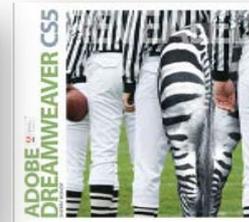
Figure 66 Portfolio Project Quiz



**Portfolio Projects** are included at the end of each chapter and encourage students to solve challenges based on the content explored in the chapter.



- Student data files needed to complete the exercise, lessons, and projects in the book



An Instructor Resource CD available with this book includes (also available online):

- Instructor's Manual
  - Chapter overviews
  - Detailed lecture topics
  - Teaching tips
- PowerPoint presentations
- Solutions to exercises
- Test banks
- ExamView test generator and testbank
- eBook available



- InDesign chapters include coverage of myriad new features, including the Gap Tool, Live Distribute, Content Indicator, and Multiple Page Sizes.
- Photoshop chapters cover all of the latest Photoshop CS5 tools—including using the Context-Aware Spot Healing Brush tool, Repoussé, MiniBridge, Configurator, and Layer Groups.
- Illustrator chapters include full coverage of the new Perspective Grid feature, the new Shape Builder tools, Bristle Brush and "Beautiful Strokes."
- All new features are highlighted throughout the text with a new features icon.
- Eye-popping integration chapter lets you work seamlessly with all three CS5 applications while a back-of-book CD contains the data files needed to complete the book's projects.

