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By Alan Weller.

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ISBN-10: 0-486-99107-5

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Design Discipline - Pages 008 thru 072

Floral - Pages 073 thru 120

Zoomorphic - Pages 121 thru 138

Geometric - Pages 139 thru 207

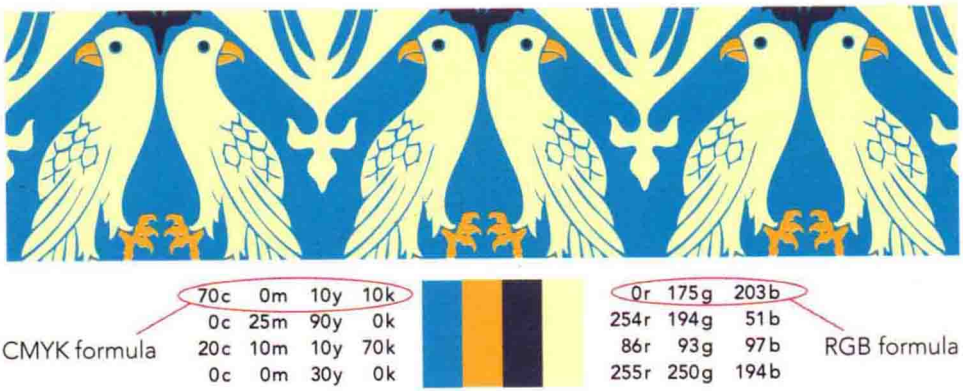
Using this Book and CD

This book and CD combination is meant to serve the dual function of inspiration and graphical resource. Within the book you will find three color illustrations of each of two hundred unique patterns. These color versions are meant to be used as is, or as a starting point for developing your own color scheme.

All of the patterns have been extracted from traditional designs, or composed using elements from traditional sources. Our objective is to furnish the fundamental shapes that comprise these designs, to be used as a "skeleton" for further development.

Included on the CD are the structural designs from which the book's illustrations are made; these are saved on the disc in three vector formats: Adobe Illustrator (AI), EPS and SVG. The AI files are best used with that software program; EPS files work with a wide variety of vector-editing software programs such as Corel Draw Suite and Adobe Illustrator; SVG files work well with the open-source program, Inkscape. A non-vector, JPG version of each image is also supplied on the CD. In addition to the three color versions of each pattern shown in the book, the CD also includes a grayscale version of each.

Beneath each illustration you will find convenient color formulas for all of the colors used in the illustration, these color formulas are expressed in CMYK and RGB color modes. They can be used in graphics programs that use a "color picker" to create colors.



When a color is present in an illustration, but does not appear in the formula bar, the color is a **background color**, used for the purposes of the printed book, but not for the image files on the CD. Formulas for these background colors can be found on the CD in the file called **background_colors.pdf.**

Changing pattern colors in Adobe Illustrator

First, open either the EPS or AI version of your chosen image in Adobe Illustrator, by selecting: **File>Open**. Then, navigate to the appropriate folder and file on the Dover CD.

Next, with that image file open on screen, choose: **Window>Swatches**. The swatches palette appears. In it you will see swatches of each of the 2-4 colors that are used in the version of the image which you have opened. **Double-click** on the swatch that you wish to change, this opens the Swatch Options dialogue box.

In this dialogue box, be sure that the color mode is set to CMYK; the color can be altered by moving the sliders. By checking the Preview option it is possible to instantly view the changes in color as you make them. Once the color is changed to your liking click **OK**.

Each of the colors in the image can be changed by this method. Remember to save the image before closing.

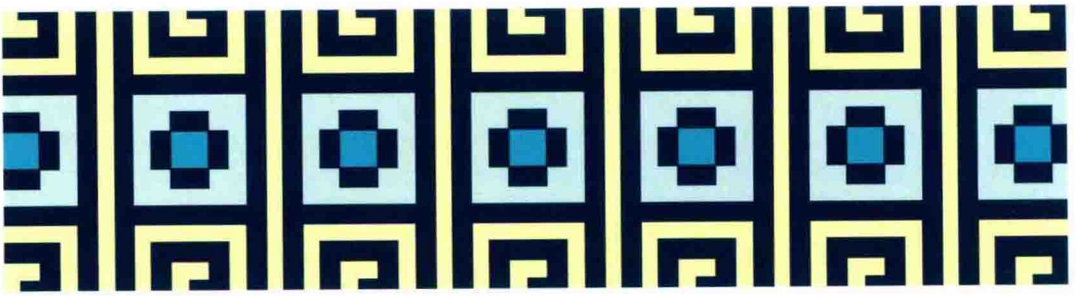
Opening an EPS Vector Image in Adobe Photoshop

Launch Adobe Photoshop. On the top menu bar select: **File>Open**. In the Open window, navigate to the EPS folder which is in the Vector folder on the Dover CD; find and select the EPS vector file that you want to work with in Photoshop, then click the Open button.

The Rasterize Generic EPS Format window appears on screen. In this window you are able to indicate a dimensional size, resolution and color mode for the image that you are opening; be sure to select a size that is large enough to suit your purpose. A typical resolution for color printing is 300 dpi, and the usual color mode for home printing is RGB color. After making these selections click on OK, the image will open in Photoshop. Because you are rasterizing the EPS, you will not be able to scale the image again without losing quality.

Placing a EPS Vector in Adobe Photoshop

EPS files can also be inserted into existing Photoshop compositions. First, open a new or existing Photoshop document. On the top menu bar select **File>Place**. The Place window appears; navigate to the appropriate folder in the EPS folder, which is in the Vector folder on the Dover CD; locate the image that you want to place, and click the Place button. The EPS vector will appear within your blank document and will retain many of its vector qualities until it is rasterized. In Photoshop, this is called a Smart Object, since you can still edit it in its native format with a program such as Adobe Illustrator. Read more about Smart Objects in your Photoshop Web Help or the manual that accompanied your software.



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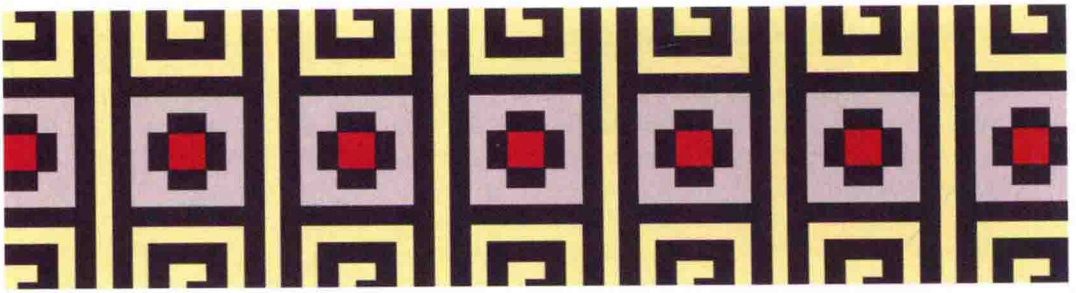

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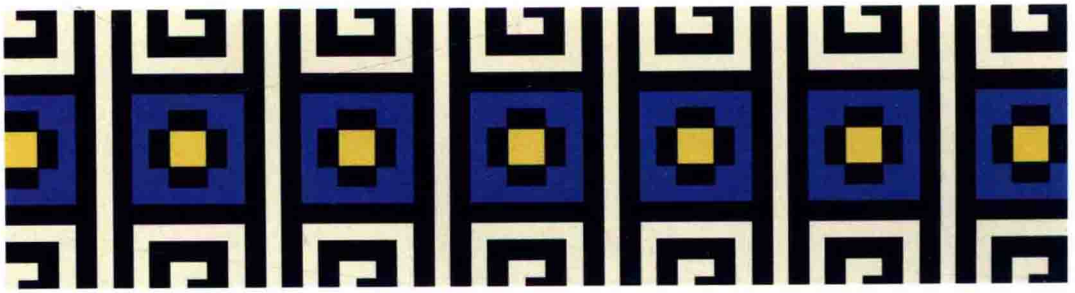

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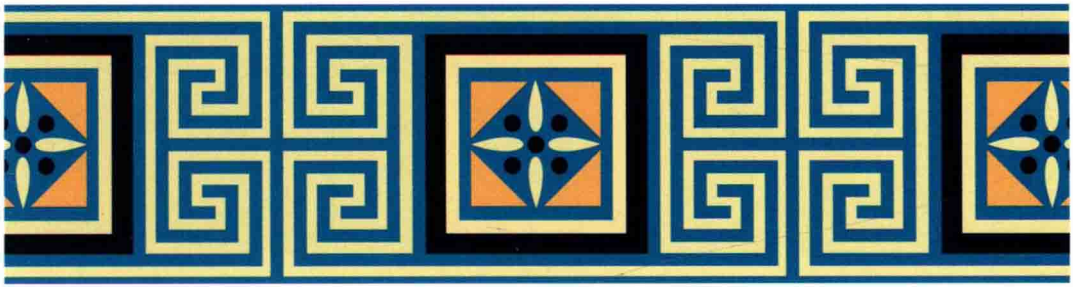

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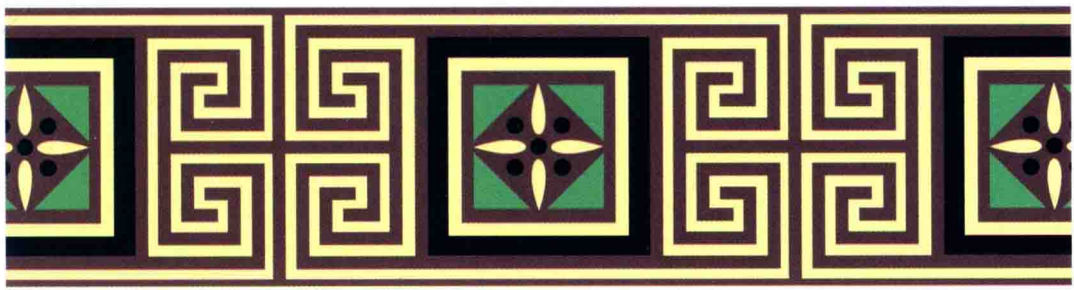

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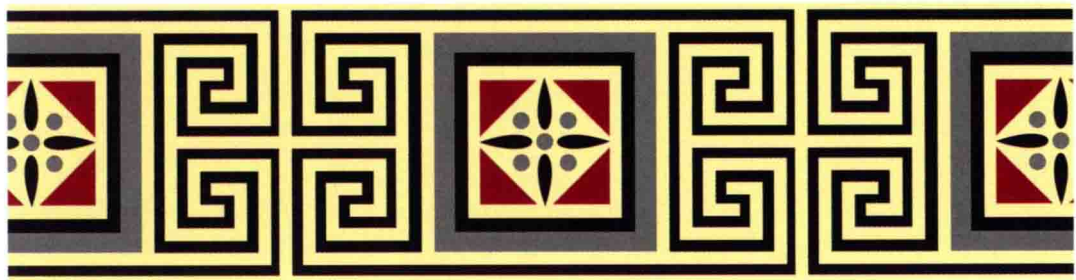

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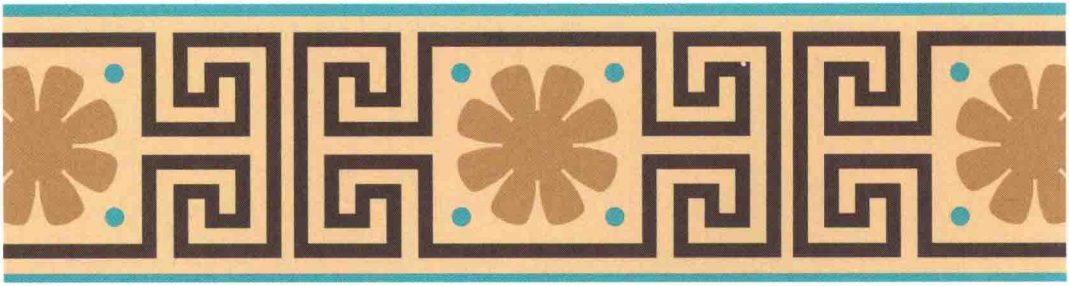

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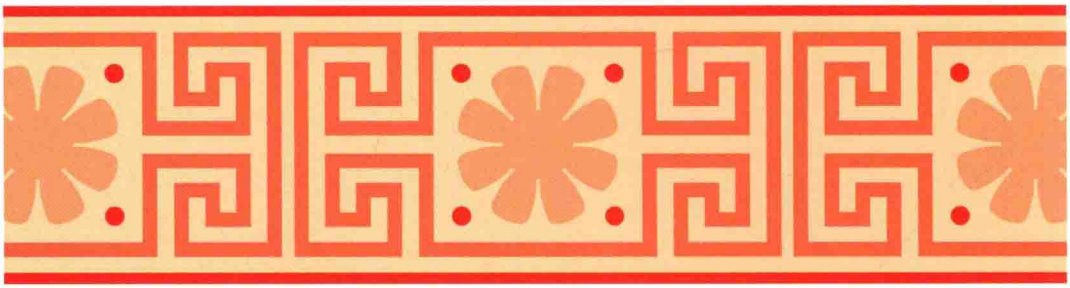

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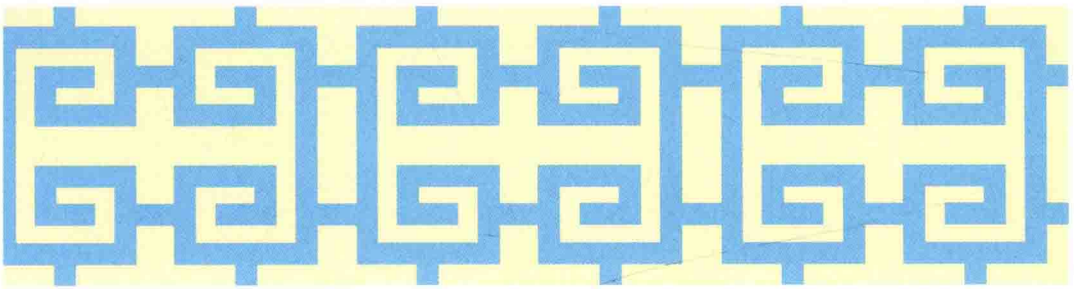

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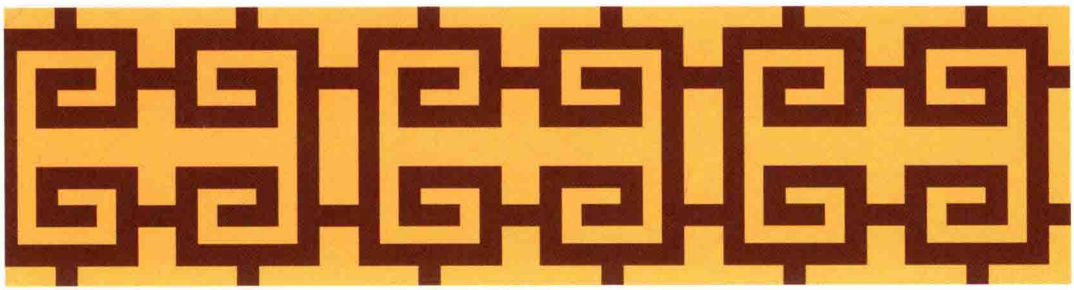

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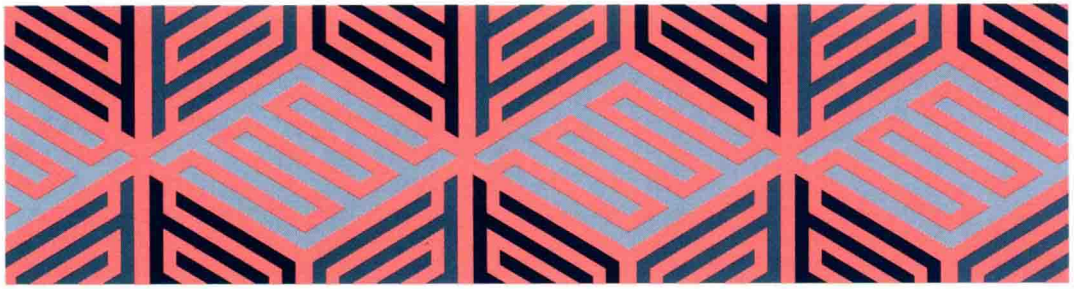

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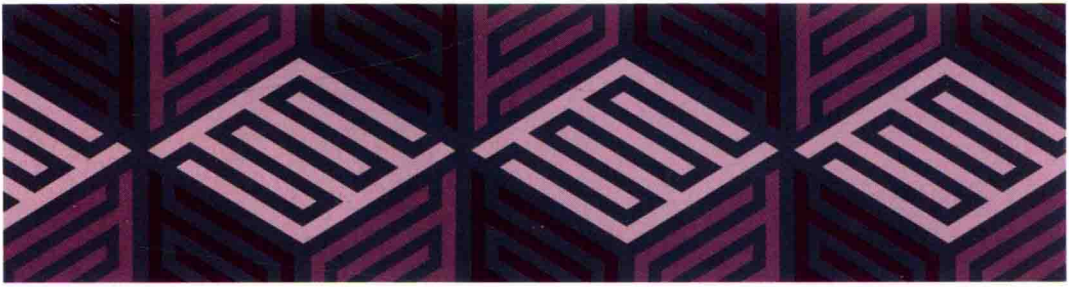

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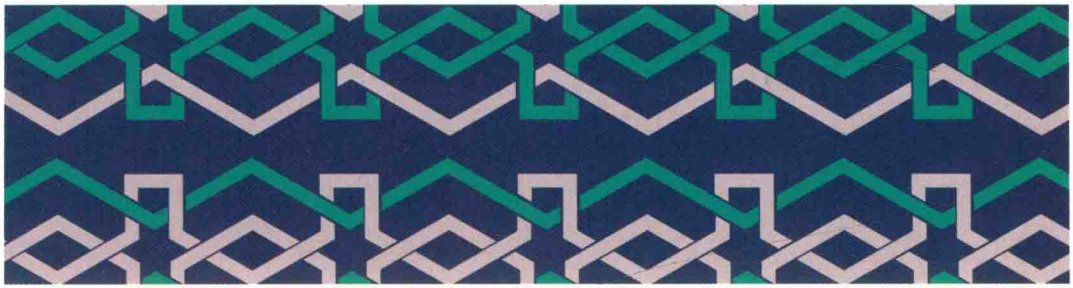

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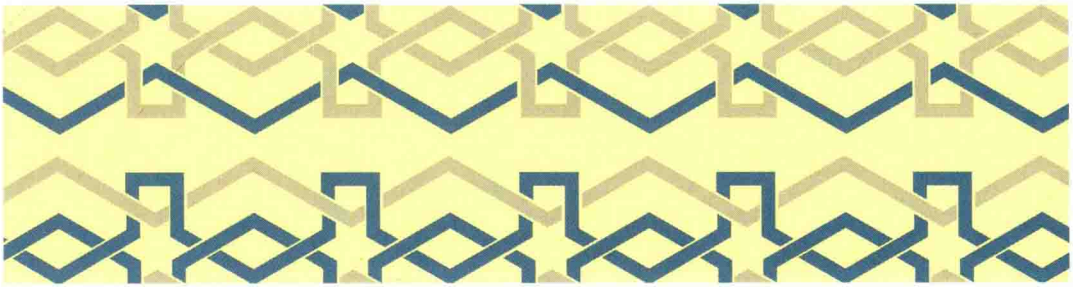

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