

# Converting Colors

Hex(84724D)

Have a look what the booklet for  
Hex(84724D) contains.

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**Color**

**Hex(84724D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	84724D
RGB	132, 114, 77
RGB Percent	52%, 45%, 30%
CMY	0.4824, 0.5529, 0.6980
CMYK	0.00, 0.14, 0.42, 0.48
HSL	40°, 26%, 41%
HSV	40°, 42%, 52%
XYZ	16.8726, 17.4760, 9.5051
YIQ	115.1640, 22.6050, -7.6910

# Conversions

## Conversions Part 2

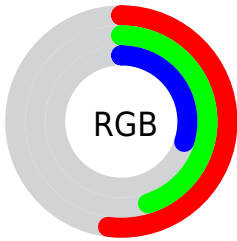
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">104, 132, 77</a>
Decimal	<a href="#">8680013</a>
<a href="#">CIELab</a>	<a href="#">48.85, 1.46, 23.10</a>
<a href="#">CIElCh</a>	<a href="#">49, 23.142, 86.375</a>
<a href="#">Yxy</a>	<a href="#">17.4760, 0.3847, 0.3985</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4286870093 (0xFF84724D)</a>
<a href="#">YUV</a>	<a href="#">115.1640, -18.8149, 14.7652</a>
<a href="#">Hunter-Lab</a>	<a href="#">41.8043, -1.1133, 15.7821</a>

# Details

The Hex color **84724D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4D5F84**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **BAA67E**, and **514220** is the 20% darker color. If you saturate the color by 10%, you get **846E40**, and if you desaturate by 10%, it is **84765A**.

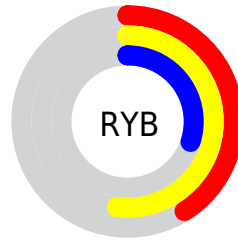
# Distribution



Red (52%)

Green (45%)

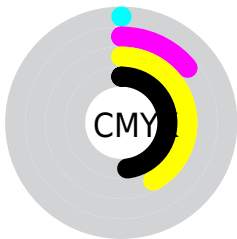
Blue (30%)



Red (41%)

Yellow (52%)

Blue (30%)

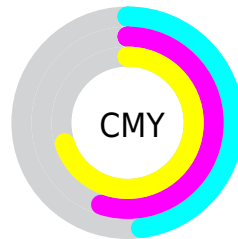


Cyan (0%)

Magenta (14%)

Yellow (42%)

Black (48%)



Cyan (48%)

Magenta (55%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84724D changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 84724D by changing the saturation by 10% instead.



 84724D

 84724D

FFFFFF

 6A5A36

 BAA67E

 514220

 D6C198

 392C0A

 F3DDB3

 231800

 FFF9CF

 000000

 FFFFEB

 84724D

 84724D

 846E40

 84765A

 846933

 847B67

■ 846525

■ 847F75

■ 846118

■ 848382

■ 845C0B

■ 84888F

■ 845900

■ 848C9C

■ 8490A9

■ 8495B7

■ 8499C4

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



936B54



84724D



707851

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84724D



357E85



8B698A

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



84724D



4D5F84

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



747097



84724D



3D7C94

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84724D



437F71



57779B



986677

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84724D



617B58



57779B



846B8F



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



84724D



ABA495



844D5F



575249



D6D6D6



575757



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84724D



AB8F55



7B844D



42403C



825700



030200



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4D5F84



5571AB



564D84



3C3E42



002B82



000103



# Previews

## White Background



This preview shows how the Hex color 84724D looks on a white background.

## Color Contrast Check

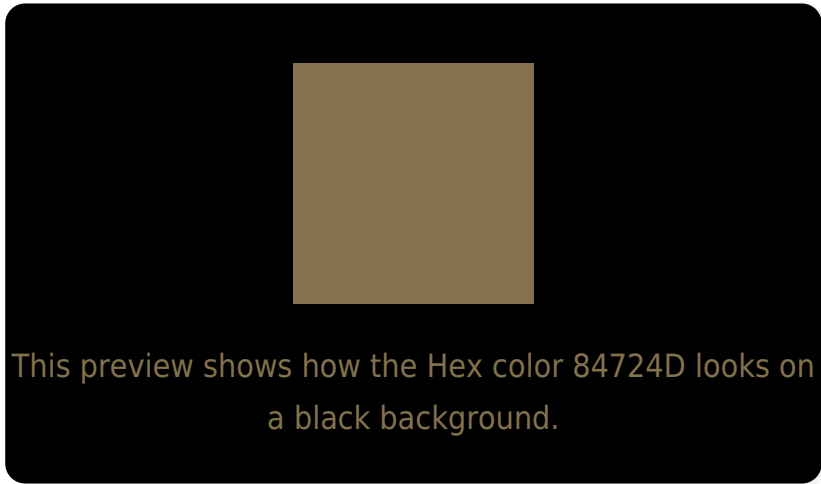
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

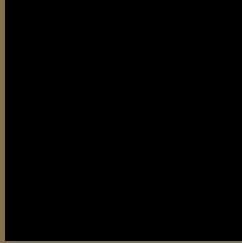
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 84724D Background



This preview shows how black text looks on a background with the Hex color 84724D.



This preview shows how white text looks on a background with the Hex color 84724D.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**

84724D

**Protanopia**

7E744E

**Deuteranopia**

8B6F4E



**Tritanopia**  
886D75

# Trichromacy



**Original Color**  
84724D

**Protanomaly**  
80734E

**Deuteranomaly**  
88704E

**Tritanomaly**  
876F66

# Monochromacy



**Original Color**  
84724D

**Achromatopsia**  
737373

**Achromatomaly**  
797365

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84724D is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #84724D looks like.

```
.text, #text, p{  
    color:#84724D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #84724D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84724D
}
```

## Border

The CSS property to change the border of an element to Hex 84724D is called "border". The border property can be set on classes, ids or directly on the HTML element.

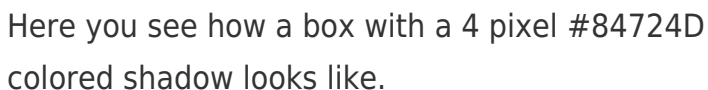
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#84724D }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#84724D }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #84724D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84724D; -webkit-box-shadow:4px 4px  
4px 4px #84724D; box-shadow:4px 4px 4px  
4px #84724D }
```

# Background

The CSS property to change the background color of an element to Hex 84724D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84724D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#84724D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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