

# Converting Colors

Hex(84714D)

Have a look what the booklet for  
Hex(84714D) contains.

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**Color**

**Hex(84714D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	84714D
RGB	132, 113, 77
RGB Percent	52%, 44%, 30%
CMY	0.4824, 0.5569, 0.6980
CMYK	0.00, 0.14, 0.42, 0.48
HSL	39°, 26%, 41%
HSV	39°, 42%, 52%
XYZ	16.7604, 17.2516, 9.4677
YIQ	114.5770, 22.8800, -7.1680

# Conversions

## Conversions Part 2

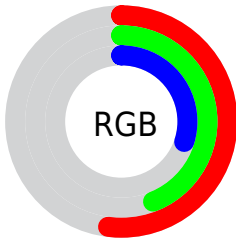
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 132, 77
Decimal	8679757
CIELab	48.58, 2.04, 22.73
CIElCh	49, 22.823, 84.871
Yxy	17.2516, 0.3855, 0.3968
Android (android.graphics.Color)	4286869837 (0xFF84714D)
YUV	114.5770, -18.5255, 15.2800
Hunter-Lab	41.5351, -0.6573, 15.5597

# Details

The Hex color **84714D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4D6084**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **BAA57E**, and **514120** is the 20% darker color. If you saturate the color by 10%, you get **846C40**, and if you desaturate by 10%, it is **84765A**.

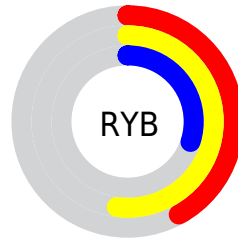
# Distribution



Red (52%)

Green (44%)

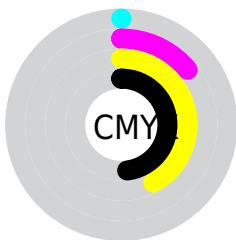
Blue (30%)



Red (42%)

Yellow (52%)

Blue (30%)

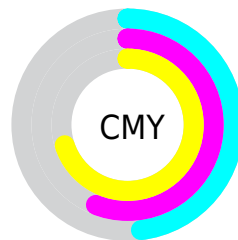


Cyan (0%)

Magenta (14%)

Yellow (42%)

Black (48%)



Cyan (48%)

Magenta (56%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84714D 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 84714D by changing the saturation by 10% instead.





84714D



84714D

FFFFFF



6A5936



BAA57E



514120



D6C098



392B0A



F3DCB3



221700



FFF8CF



000000



FFFEB



84714D



84714D



846C40



84765A



846833



847A67

■ 846325

■ 847F75

■ 845F18

■ 848382

■ 845A0B

■ 84888F

■ 845600

■ 848C9C

■ 8491A9

■ 8495B7

■ 849AC4

# Harmonies

## Analogous

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



936B55



84714D



707750

# Triad

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



84714D



357E83



89698A

# Complementary

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



84714D



4D6084

# 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.



727096



84714D



3C7B92

# Square

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



84714D



447E6F



557699



976577

# Rectangle

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



84714D



617A57



557699



826B8F



# Sweetspot

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



84714D



ABA395



844D60



575249



D6D6D6



575757



# Same Dimension

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



84714D



AB8D55



7C844D



42403C



825500



030200



# Inverse Universe

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



4D6084



5573AB



554D84



3C3E42



002D82



000103



# Previews

## White Background



This preview shows how the Hex color 84714D looks on a white background.

## Color Contrast Check

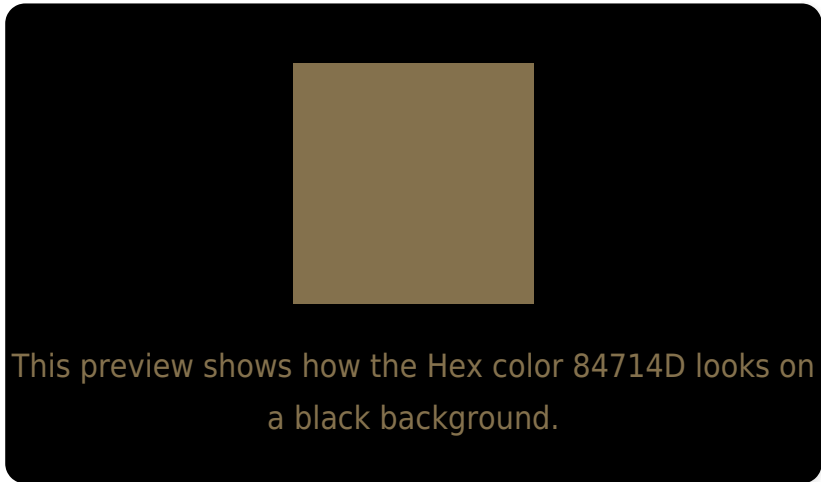
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

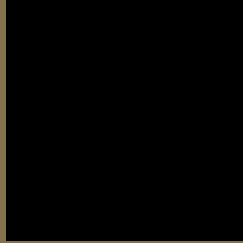
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 84714D Background



This preview shows how black text looks on a background with the Hex color 84714D.



This preview shows how white text looks on a background with the Hex color 84714D.

# 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**  
84714D

**Protanopia**  
7D734E

**Deuteranopia**  
8A6E4E



**Tritanopia**  
886C74

# Trichromacy



**Original Color**  
84714D

**Protanomaly**  
80724E

**Deuteranomaly**  
886F4E

**Tritanomaly**  
876E66

# Monochromacy



**Original Color**  
84714D

**Achromatopsia**  
737373

**Achromatomaly**  
797265

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84714D 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 #84714D looks like.

```
.text, #text, p{  
    color:#84714D  
}
```

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 #84714D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84714D
}
```

## Border

The CSS property to change the border of an element to Hex 84714D is called "border". The border property can be set on classes, ids or directly on the HTML element.

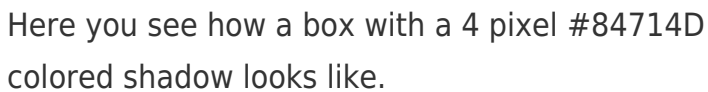
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#84714D }
```

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

```
.border{ border-color:#84714D }
```

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



Here you see how a box with a 4 pixel #84714D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84714D; -webkit-box-shadow:4px 4px  
4px 4px #84714D; box-shadow:4px 4px 4px  
4px #84714D }
```

# Background

The CSS property to change the background color of an element to Hex 84714D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84714D }
```

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

```
.background{ background-color:#84714D }
```

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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