

# Converting Colors

Hex(C0816F)

Have a look what the booklet for  
Hex(C0816F) contains.

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**Color**

**Hex(C0816F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C0816F
RGB	192, 129, 111
RGB Percent	75%, 51%, 44%
CMY	0.2471, 0.4941, 0.5647
CMYK	0.00, 0.33, 0.42, 0.25
HSL	13°, 39%, 59%
HSV	13°, 42%, 75%
XYZ	32.4577, 28.0547, 18.7433
YIQ	145.7850, 43.3260, 7.7580

# Conversions

## Conversions Part 2

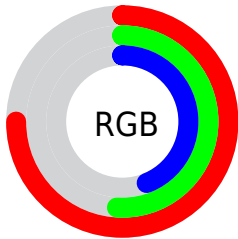
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 134, 111
Decimal	12616047
CIE Lab	59.94, 22.17, 19.67
CIE LCh	60, 29.636, 41.587
Yxy	28.0547, 0.4095, 0.3540
Android (android.graphics.Color)	4290806127 (0xFFC0816F)
YUV	145.7850, -17.1490, 40.5306
Hunter-Lab	52.9667, 16.6923, 16.0957

# Details

The Hex color **C0816F** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **6FAEC0**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FAB6A3**, and **884F3F** is the 20% darker color. If you saturate the color by 10%, you get **C0725C**, and if you desaturate by 10%, it is **C09082**.

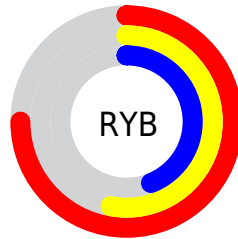
# Distribution



Red (75%)

Green (51%)

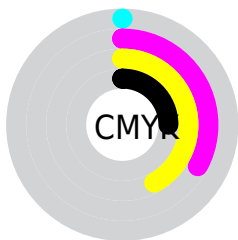
Blue (44%)



Red (75%)

Yellow (53%)

Blue (44%)

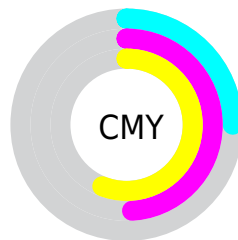


Cyan (0%)

Magenta (33%)

Yellow (42%)

Black (25%)



Cyan (25%)

Magenta (49%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0816F 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 C0816F by changing the saturation by 10% instead.



 C0816F

 C0816F

FFFFFF

 A46857

 FAB6A3

 884F3F

 FFD2BE

 6D3829

 FFEEDA

 532114

 FFFFFFF6

 3A0B00

 240001

 000000

 C0816F

 C0816F

 C0725C

 C09082

 C06349

 C09F95

 C05435

 C0AEA9

 C04522

 C0BDBC

 C0360F

 C0CCCF

 C02B00

 C0DBE2

 C0EAF5

 C0F8FF

 C0FFFF

# Harmonies

## Analogous

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



C47D87



C0816F



B0895F

# Triad

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



C0816F



5C9D7F



7C8FC3

# Complementary

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



C0816F



6FAEC0

# 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.



5498C1



C0816F



3E9F9A

# Square

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



C0816F



7B9969



369DB2



A186B8

# Rectangle

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



C0816F



A18F5C



369DB2



6F92C4

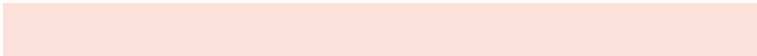


# Sweetspot

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



C0816F



FAE1D9



C06FAE



7D6D69



FCFCFC



7D7D7D



# Same Dimension

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



C0816F



FA977A



C0A96F



615957



A12400



210700



# Inverse Universe

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



6FAECO



7ADEFA



6F86C0



575F61



007DA1



001A21



# Previews

## White Background



This preview shows how the Hex color C0816F looks on a white background.

## Color Contrast Check

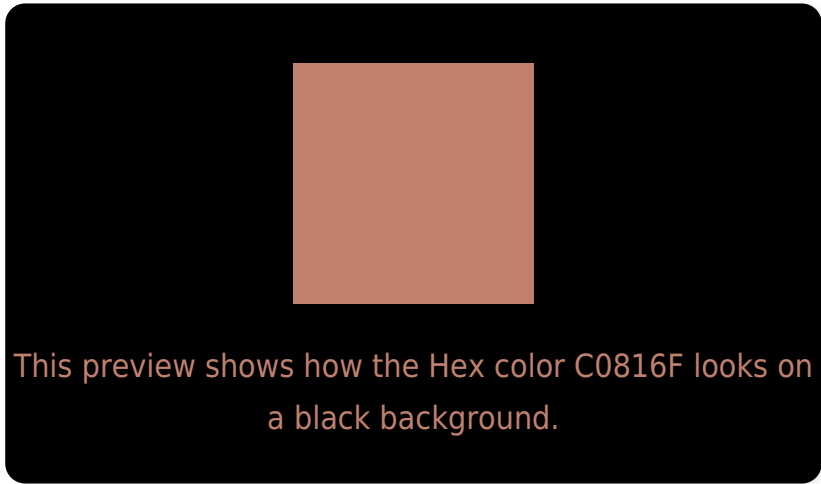
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 C0816F Background



This preview shows how black text looks on a background with the Hex color C0816F.



This preview shows how white text looks on a background with the Hex color C0816F.

# 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**  
C0816F

**Protanopia**  
999076

**Deuteranopia**  
AB8B6D



**Tritanopia**  
C27E87

# Trichromacy



**Original Color**  
C0816F

**Protanomaly**  
A78B73

**Deuteranomaly**  
B3876E

**Tritanomaly**  
C17F7E

# Monochromacy



**Original Color**  
C0816F

**Achromatopsia**  
929292

**Achromatomaly**  
A38C85

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0816F 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 #C0816F looks like.

```
.text, #text, p{  
    color:#C0816F  
}
```

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 #C0816F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0816F
}
```

## Border

The CSS property to change the border of an element to Hex C0816F is called "border". The border property can be set on classes, ids or directly on the HTML element.

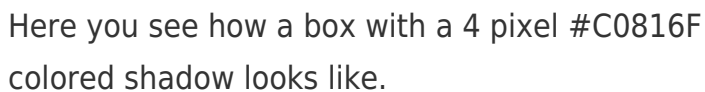
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C0816F }
```

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

```
.border{ border-color:#C0816F }
```

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



Here you see how a box with a 4 pixel #C0816F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0816F; -webkit-box-shadow:4px 4px  
4px 4px #C0816F; box-shadow:4px 4px 4px  
4px #C0816F }
```

# Background

The CSS property to change the background color of an element to Hex C0816F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0816F }
```

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

```
.background{ background-color:#C0816F }
```

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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