

Converting Colors

Hex(C3816F)

Have a look what the booklet for
Hex(C3816F) contains.

Hex(C3816F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C3816F)

Conversions

Conversions Part 1

Format	Color
Hex	C3816F
RGB	195, 129, 111
RGB Percent	76%, 51%, 44%
CMY	0.2353, 0.4941, 0.5647
CMYK	0.00, 0.34, 0.43, 0.24
HSL	13°, 41%, 60%
HSV	13°, 43%, 76%
XYZ	33.2252, 28.4503, 18.7792
YIQ	146.6820, 45.1140, 8.3940

Conversions

Conversions Part 2

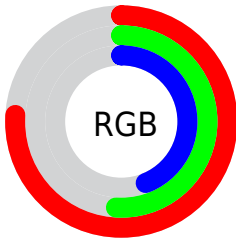
Format	Color
R_{YB}	195, 134, 111
Decimal	12812655
CIE _{Lab}	60.29, 23.37, 20.21
CIE _{LCh}	60, 30.897, 40.859
Yxy	28.4503, 0.4130, 0.3536
Android (android.graphics.Color)	4291002735 (0xFFC3816F)
YUV	146.6820, -17.5912, 42.3749
Hunter-Lab	53.3388, 17.8461, 16.4627

Details

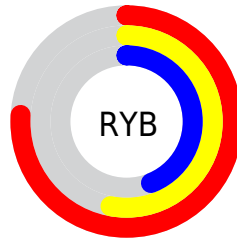
The Hex color **C3816F** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **6FB1C3**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FEB6A3**, and **8B4F3F** is the 20% darker color. If you saturate the color by 10%, you get **C3725B**, and if you desaturate by 10%, it is **C39083**.

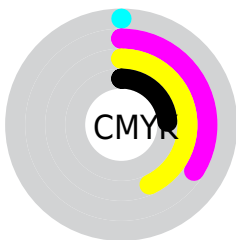
Distribution



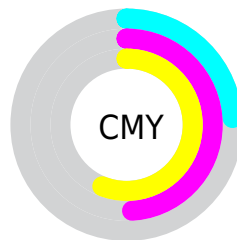
- Red (76%)
- Green (51%)
- Blue (44%)



- Red (76%)
- Yellow (53%)
- Blue (44%)



- Cyan (0%)
- Magenta (34%)
- Yellow (43%)
- Black (24%)



- Cyan (24%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3816F 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 C3816F by changing the saturation by 10% instead.

 C3816F

 C3816F

FFFFFF

 A76857

 FEB6A3

 8B4F3F

 FFD2BE

 703729

 FFEFDA

 552114

 FFFFF6

 3C0A00

 260001

 000000

 C3816F

 C3816F

 C3725B

 C39083

 C36248

 C3A096

 C35335

 C3AFAA

 C34421

 C3BEBD

 C3340E

 C3CED0

 C32A00

 C3DDE4

 C3ECF7

 C3FCFF

 C3FFFF

Harmonies

Analogous

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



C77D88



C3816F



B38A5E

Triad

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



C3816F



5B9F7F



7B91C7

Complementary

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



C3816F



6FB1C3

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.



4F99C4



C3816F



3AA09B

Square

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



C3816F



7C9A67



2F9EB4



A187BB

Rectangle

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



C3816F



A3905B



2F9EB4



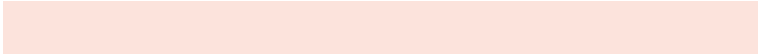
6D94C7

Sweetspot

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



C3816F



FCE3DC



C36FB2



806F6B



000000



808080

Same Dimension

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



C3816F



FC9579



C3AA6F



615957



A12200



210700

Inverse Universe

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



6FB1C3



79E0FC



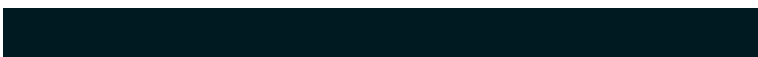
6F88C3



575F61



007EA1



001A21

Previews

White Background



This preview shows how the Hex color C3816F looks on a white background.

Color Contrast Check

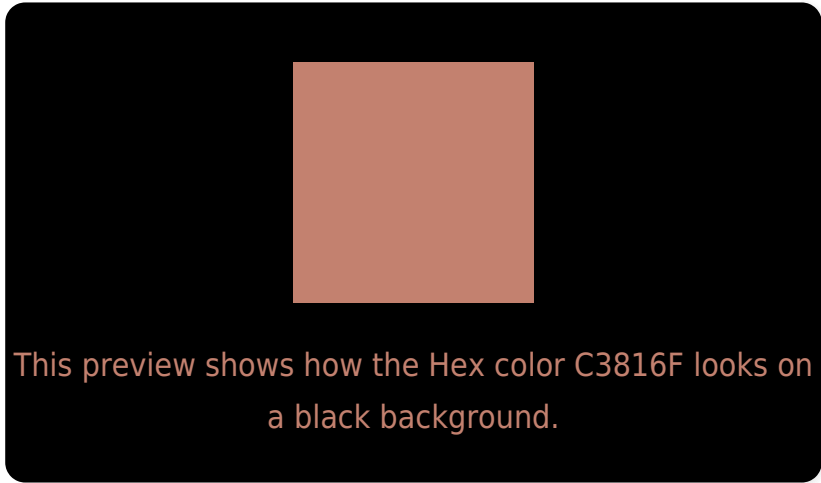
Large Text (above 18pt) WCAG AA ✓ Pass

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 C3816F Background



This preview shows how black text looks on a background with the Hex color C3816F.



This preview shows how white text looks on a background with the Hex color C3816F.

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
C3816F

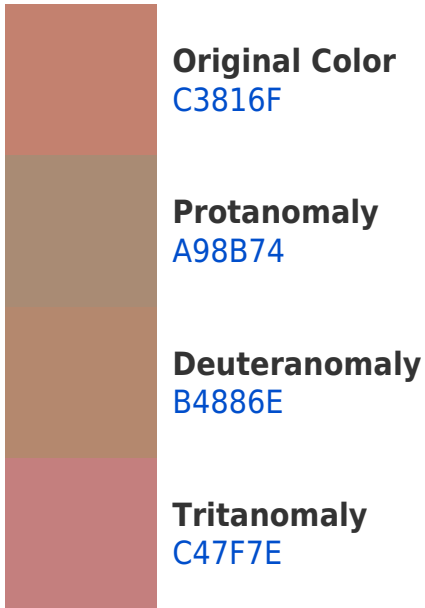
Protanopia
9A9177

Deuteranopia
AC8C6D

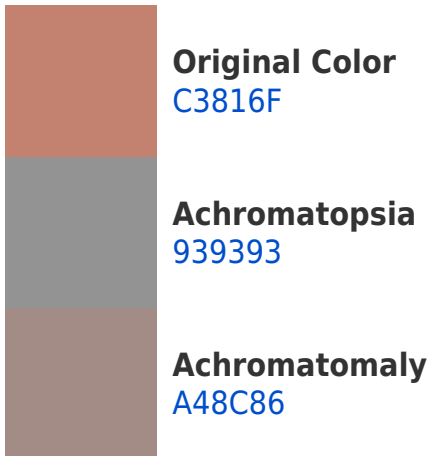


Tritanopia
C57E87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C3816F 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 #C3816F looks like.

```
.text, #text, p{  
    color:#C3816F  
}
```

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 #C3816F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3816F
}
```

Border

The CSS property to change the border of an element to Hex C3816F is called "border". The border property can be set on classes, ids or directly on the HTML element.

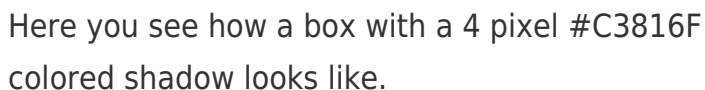
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C3816F }
```

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

```
.border{ border-color:#C3816F }
```

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



Here you see how a box with a 4 pixel #C3816F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3816F; -webkit-box-shadow:4px 4px  
4px 4px #C3816F; box-shadow:4px 4px 4px  
4px #C3816F }
```

Background

The CSS property to change the background color of an element to Hex C3816F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3816F }
```

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

```
.background{ background-color:#C3816F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor