

# Converting Colors

Hex(C1816C)

Have a look what the booklet for  
Hex(C1816C) contains.

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**Color**

**Hex(C1816C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1816C
RGB	193, 129, 108
RGB Percent	76%, 51%, 42%
CMY	0.2431, 0.4941, 0.5765
CMYK	0.00, 0.33, 0.44, 0.24
HSL	15°, 41%, 59%
HSV	15°, 44%, 76%
XYZ	32.5494, 28.1207, 17.8997
YIQ	145.7420, 44.8850, 7.0370

# Conversions

## Conversions Part 2

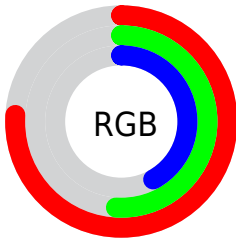
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 136, 108
Decimal	12681580
CIE <sub>Lab</sub>	60.00, 22.24, 21.47
CIE <sub>LCh</sub>	60, 30.911, 43.991
Yxy	28.1207, 0.4143, 0.3579
Android (android.graphics.Color)	4290871660 (0xFFC1816C)
YUV	145.7420, -18.6068, 41.4453
Hunter-Lab	53.0289, 16.7633, 17.1072

# Details

The Hex color **C1816C** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **6CACCC1**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FBB6A0**, and **894F3C** is the 20% darker color. If you saturate the color by 10%, you get **C17259**, and if you desaturate by 10%, it is **C1907F**.

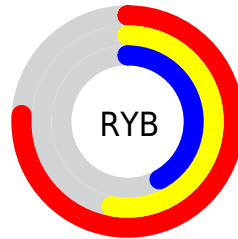
# Distribution



Red (76%)

Green (51%)

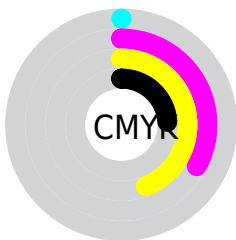
Blue (42%)



Red (76%)

Yellow (53%)

Blue (42%)

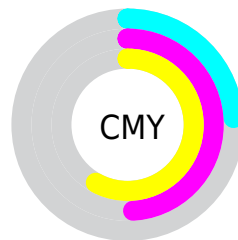


Cyan (0%)

Magenta (33%)

Yellow (44%)

Black (24%)



Cyan (24%)

Magenta (49%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1816C 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 C1816C by changing the saturation by 10% instead.



 C1816C

 C1816C

FFFFFF

 A56854

 FBB6A0

 894F3C

 FFD2BB

 6E3826

 FFEED6

 532112

 FFFFFFF3

 3A0B00

 240001

 000000

 C1816C

 C1816C

 C17259

 C1907F

 C16445

 C19E93

 C15532

 C1ADA6

 C1471F

 C1BBB9

 C1380B

 C1CACC

 C13000

 C1D8E0

 C1E7F3

 C1F5FF

 C1FFFF

# Harmonies

## Analogous

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



C67C85



C1816C



B08A5D

# Triad

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



C1816C



569E81



7F8FC5

# Complementary

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



C1816C



6CACC1

# 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.



5397C4



C1816C



369F9D

# Square

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



C1816C



789A69



2F9DB5



A485B8

# Rectangle

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



C1816C



9F905A



2F9DB5



7092C7

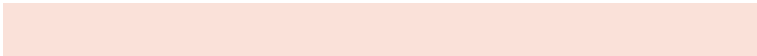


# Sweetspot

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



C1816C



FAE1D9



C16CAD



7D6E69



FCFCFC



7D7D7D



# Same Dimension

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



C1816C



FA9675



C1AA6C



615A57



A12800



210800



# Inverse Universe

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



6CACC1



75D9FA



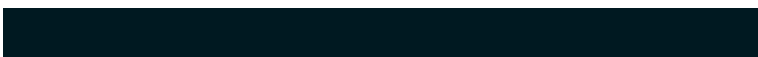
6C83C1



575F61



0079A1



001921



# Previews

## White Background



This preview shows how the Hex color C1816C looks on a white background.

## Color Contrast Check

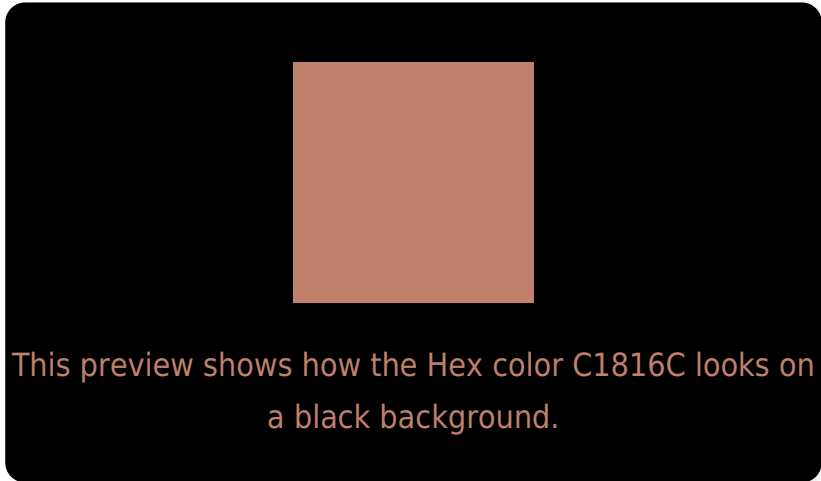
Large Text (above 18pt) WCAG AA ✓ Pass

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

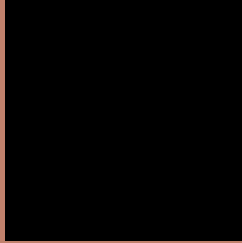
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C1816C Background



This preview shows how black text looks on a background with the Hex color C1816C.



This preview shows how white text looks on a background with the Hex color C1816C.

# 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





**Tritanopia**  
C37D87

# Trichromacy



**Original Color**  
C1816C

**Protanomaly**  
A88B70

**Deuteranomaly**  
B4876B

**Tritanomaly**  
C27E7D

# Monochromacy



**Original Color**  
C1816C

**Achromatopsia**  
929292

**Achromatomaly**  
A38C84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1816C 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 #C1816C looks like.

```
.text, #text, p{  
    color:#C1816C  
}
```

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 #C1816C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1816C
}
```

## Border

The CSS property to change the border of an element to Hex C1816C is called "border". The border property can be set on classes, ids or directly on the HTML element.

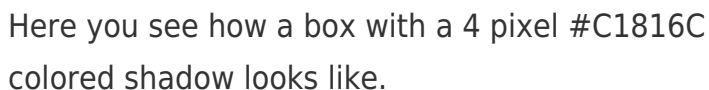
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C1816C }
```

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

```
.border{ border-color:#C1816C }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel `#C1816C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1816C; -webkit-box-shadow:4px 4px  
4px 4px #C1816C; box-shadow:4px 4px 4px  
4px #C1816C }
```

# Background

The CSS property to change the background color of an element to Hex C1816C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1816C }
```

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

```
.background{ background-color:#C1816C }
```

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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