

# Converting Colors

Hex(C6C16C)

Have a look what the booklet for  
Hex(C6C16C) contains.

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# **Color**

**Hex(C6C16C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6C16C
RGB	198, 193, 108
RGB Percent	78%, 76%, 42%
CMY	0.2235, 0.2431, 0.5765
CMYK	0.00, 0.03, 0.45, 0.22
HSL	57°, 44%, 60%
HSV	57°, 45%, 78%
XYZ	45.0654, 51.2284, 21.7002
YIQ	184.8050, 30.2650, -25.3750

# Conversions

## Conversions Part 2

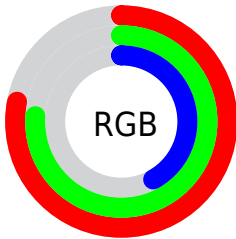
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 198, 108
Decimal	13025644
CIELab	76.82, -10.19, 43.21
CIELCh	77, 44.391, 103.267
Yxy	51.2284, 0.3819, 0.4342
Android (android.graphics.Color)	4291215724 (0xFFC6C16C)
YUV	184.8050, -37.8649, 11.5720
Hunter-Lab	71.5740, -12.8649, 32.1259

# Details

The Hex color **C6C16C** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6C71C6**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFF9A1**, and **8E8C3A** is the 20% darker color. If you saturate the color by 10%, you get **C6C058**, and if you desaturate by 10%, it is **C6C280**.

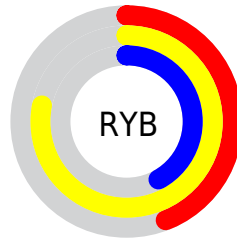
# Distribution



Red (78%)

Green (76%)

Blue (42%)



Red (44%)

Yellow (78%)

Blue (42%)

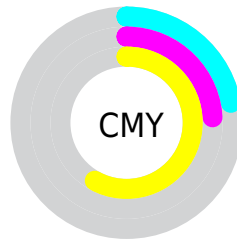


Cyan (0%)

Magenta (3%)

Yellow (45%)

Black (22%)



Cyan (22%)

Magenta (24%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6C16C 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 C6C16C by changing the saturation by 10% instead.



 C6C16C

FFFFFF

 FFF9A1

 FFFFBD

 FFFFD9

 FFFFF5

 C6C16C

 C6C16C

 AAA653

 8E8C3A

 747220

 595A03

 414300

 282D00

 0C1900

 000000

 C6C16C

 C6C058

 C6C280

 C6BF44

 C6C394

 C6BE31

 C6C4A7

 C6BD1D

 C6C5BB

 C6BB09

 C6C7CF

 C6BB00

 C6C8E3

 C6C9F7

 C6CAFF

 C6CBFF

# Harmonies

## Analogous

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



ECB36F



C6C16C



98CC80

# Triad

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



C6C16C



00D0F5



FFA0D6

# Complementary

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



C6C16C



6C71C6

# 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.



D9ACFA



C6C16C



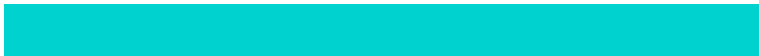
50C8FF

# Square

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



C6C16C



00D3CF



9FBBFF



FF9DAD

# Rectangle

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



C6C16C



76D097



9FBBFF



F5A3E3



# Sweetspot

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



C6C16C



FFFDDB



C66C72



807E6A



000000



808080



# Same Dimension

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



C6C16C



FFF773



9FC66C



63635A



A39A00



242200



# Inverse Universe

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



6C71C6



737BFF



936CC6



5A5A63



0009A3



000224



# Previews

## White Background



This preview shows how the Hex color C6C16C looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color C6C16C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

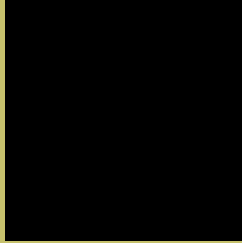
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C6C16C Background



This preview shows how black text looks on a background with the Hex color C6C16C.

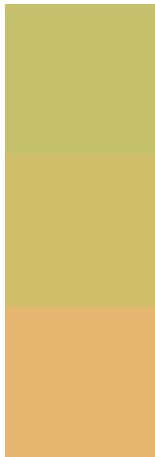


This preview shows how white text looks on a background with the Hex color C6C16C.

# 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**  
C6C16C

**Protanopia**  
D0BE6B

**Deuteranopia**  
E6B56F



**Tritanopia**  
D0B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6C16C 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 #C6C16C looks like.

```
.text, #text, p{  
    color:#C6C16C  
}
```

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 #C6C16C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6C16C
}
```

## Border

The CSS property to change the border of an element to Hex C6C16C 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
#C6C16C }
```

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

```
.border{ border-color:#C6C16C }
```

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

Here you see how a box with a 4 pixel #C6C16C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6C16C; -webkit-box-shadow:4px 4px  
4px 4px #C6C16C; box-shadow:4px 4px 4px  
4px #C6C16C }
```

# Background

The CSS property to change the background color of an element to Hex C6C16C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6C16C }
```

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

```
.background{ background-color:#C6C16C }
```

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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