

Converting Colors

Hex(C6A01C)

Have a look what the booklet for
Hex(C6A01C) contains.

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Color

Hex(C6A01C)

Conversions

Conversions Part 1

Format	Color
Hex	C6A01C
RGB	198, 160, 28
RGB Percent	78%, 63%, 11%
CMY	0.2235, 0.3725, 0.8902
CMYK	0.00, 0.19, 0.86, 0.22
HSL	47°, 75%, 44%
HSV	47°, 86%, 78%
XYZ	36.0691, 37.2312, 6.3839
YIQ	156.3140, 65.0200, -32.9960

Conversions

Conversions Part 2

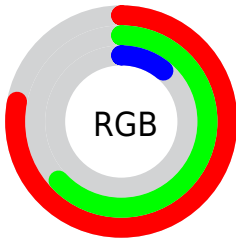
Format	Color
RYB	77, 198, 28
Decimal	13017116
CIELab	67.45, 2.30, 66.18
CIElCh	67, 66.222, 88.013
Yxy	37.2312, 0.4527, 0.4672
Android (android.graphics.Color)	4291207196 (0xFFC6A01C)
YUV	156.3140, -63.2588, 36.5586
Hunter-Lab	61.0174, -1.2640, 36.5090

Details

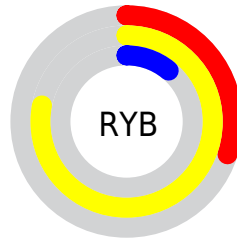
The Hex color **C6A01C** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **1C42C6**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFD658**, and **8B6D00** is the 20% darker color. If you saturate the color by 10%, you get **C69C08**, and if you desaturate by 10%, it is **C6A430**.

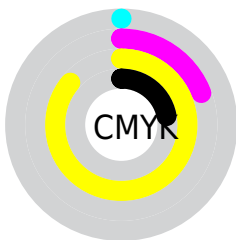
Distribution



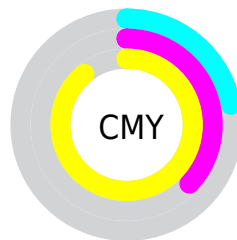
- Red (78%)
- Green (63%)
- Blue (11%)



- Red (30%)
- Yellow (78%)
- Blue (11%)



- Cyan (0%)
- Magenta (19%)
- Yellow (86%)
- Black (22%)



- Cyan (22%)
- Magenta (37%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color C6A01C 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 C6A01C by changing the saturation by 10% instead.

 C6A01C

 C6A01C

FFFFFF

 A88600

 FFD658

 8B6D00

 FFF373

 6F5500

 FFFF8F

 533E00

 FFFFFA

 392900

 FFFFC7

 201500

 FFFFE4

 000000

 C6A01C

 C6A01C

 C69C08

 C6A430

 C69A00

 C6A944

 C6AD57

 C6B26B

 C6B67F

 C6BB93

 C6BFA7

 C6C3BA

 C6C8CE

Harmonies

Analogous

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



F3893D



C6A01C



8BB12F

Triad

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



C6A01C



00C0DB



E97CE4

Complementary

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



C6A01C



1C42C6

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.



9D96FF



C6A01C



00BAFF

Square

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



C6A01C



00C09E



00ACFF



FF6BAB

Rectangle

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



C6A01C



58B94F



00ACFF



D484F5

Sweetspot

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



C6A01C



FFF0BD



C61C44



807758



000000



808080

Same Dimension

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



C6A01C



FFC600



99C61C



63615A



A37F00



241C00

Inverse Universe

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



1C42C6



0039FF



491CC6



5A5C63



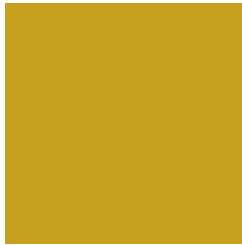
0024A3



000824

Previews

White Background



This preview shows how the Hex color C6A01C looks on a white background.

Color Contrast Check

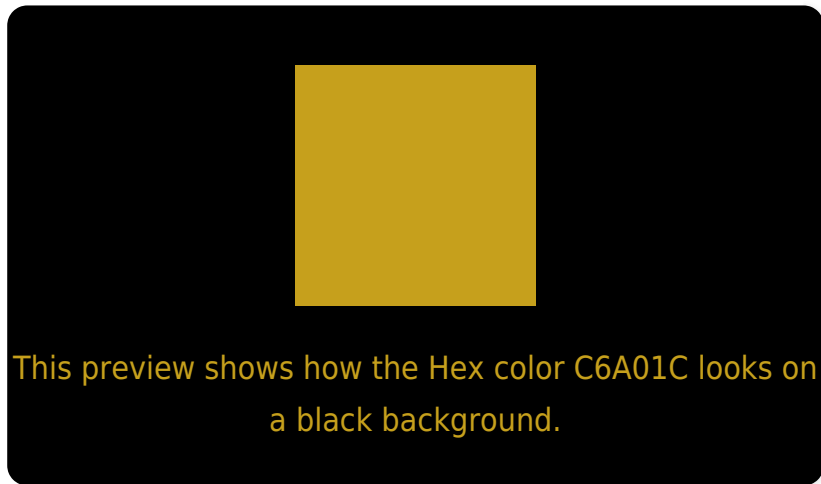
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 C6A01C Background



This preview shows how black text looks on a background with the Hex color C6A01C.

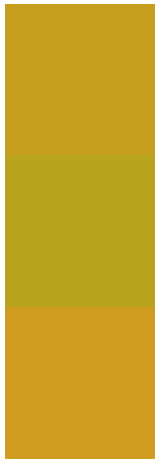


This preview shows how white text looks on a background with the Hex color C6A01C.

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
C6A01C

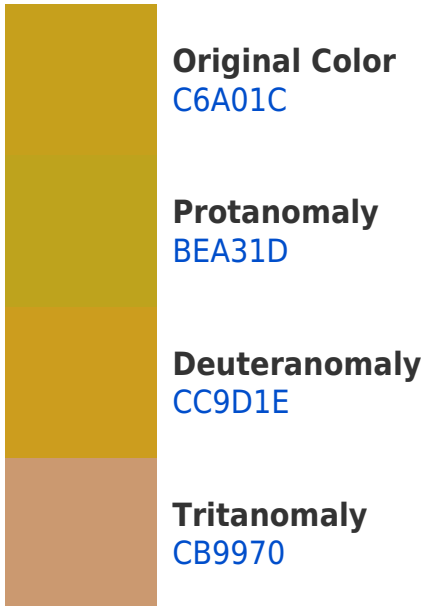
Protanopia
B9A51D

Deuteranopia
CF9C1F

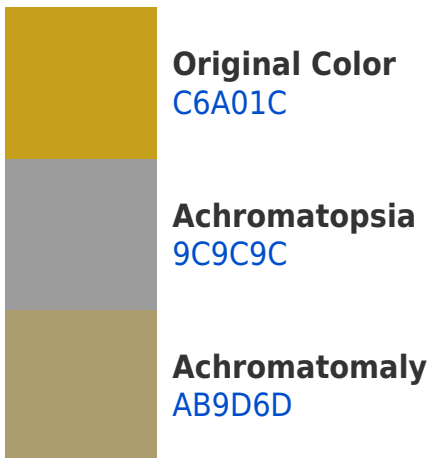


Tritanopia
CE95A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C6A01C 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 #C6A01C looks like.

```
.text, #text, p{  
    color:#C6A01C  
}
```

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 #C6A01C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6A01C
}
```

Border

The CSS property to change the border of an element to Hex C6A01C 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
#C6A01C }
```

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

```
.border{ border-color:#C6A01C }
```

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

Here you see how a box with a 4 pixel #C6A01C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6A01C; -webkit-box-shadow:4px 4px  
4px 4px #C6A01C; box-shadow:4px 4px 4px  
4px #C6A01C }
```

Background

The CSS property to change the background color of an element to Hex C6A01C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6A01C }
```

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

```
.background{ background-color:#C6A01C }
```

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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