

# Converting Colors

Hex(C6A000)

Have a look what the booklet for  
Hex(C6A000) contains.

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**Color**

**Hex(C6A000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6A000
RGB	198, 160, 0
RGB Percent	78%, 63%, 0%
CMY	0.2235, 0.3725, 1.0000
CMYK	0.00, 0.19, 1.00, 0.22
HSL	48°, 100%, 39%
HSV	48°, 100%, 78%
XYZ	35.8595, 37.1474, 5.2802
YIQ	153.1220, 74.0080, -41.7040

# Conversions

## Conversions Part 2

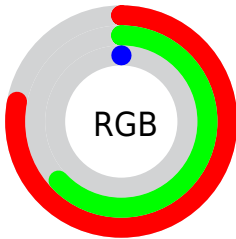
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">47, 198, 0</a>
Decimal	<a href="#">13017088</a>
CIELab	<a href="#">67.39, 1.86, 70.84</a>
CIELCh	<a href="#">67, 70.863, 88.493</a>
Yxy	<a href="#">37.1474, 0.4581, 0.4745</a>
Android (android.graphics.Color)	<a href="#">4291207168</a> ( <a href="#">0xFFC6A000</a> )
YUV	<a href="#">153.1220, -75.4891, 39.3580</a>
Hunter-Lab	<a href="#">60.9486, -1.6386, 37.5276</a>

# Details

The Hex color **C6A000** 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 **0026C6**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFD64C**, and **8B6D00** is the 20% darker color. If you saturate the color by 10%, you get **C6A000**, and if you desaturate by 10%, it is **C6A414**.

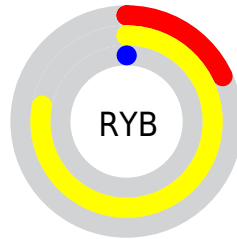
# Distribution



Red (78%)

Green (63%)

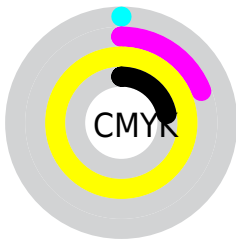
Blue (0%)



Red (18%)

Yellow (78%)

Blue (0%)

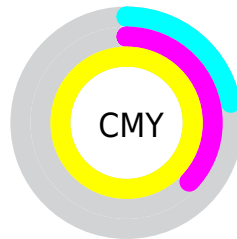


Cyan (0%)

Magenta (19%)

Yellow (100%)

Black (22%)



Cyan (22%)

Magenta (37%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6A000 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 C6A000 by changing the saturation by 10% instead.



 C6A000

 C6A000

FFFFFF

 A88600

 FFD64C

 8B6D00

 FFF368

 6F5500

 FFFF84

 533E00


 FFFFA0

 382900

 FFFFBC

 201500

 FFFFD9

 000000

 FFFFF7

 C6A000

 C6A414

 C6A828

 C6AB3B

 C6AF4F

 C6B363

 C6B777

 C6BB8B

 C6BE9E

 C6C2B2

# Harmonies

## Analogous

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



F68734



C6A000



87B223

# Triad

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



C6A000



00C1DF



EE77E8

# Complementary

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



C6A000



0026C6

# 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.



9C94FF



C6A000



00BBFF

# Square

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



C6A000



00C19F



00ADFF



FF64AA

# Rectangle

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



C6A000



4EBA49



00ADFF



D881FA



# Sweetspot

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



C6A000



FFF0B3



C60028



807752



000000



808080



# Same Dimension

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



C6A000



FFCE00



8BC600



63625A



A38400



241D00



# Inverse Universe

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



0026C6



0031FF



3B00C6



5A5B63



001FA3

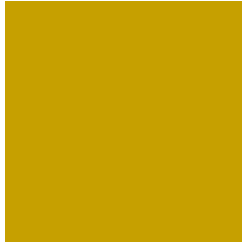


000724



# Previews

## White Background



This preview shows how the Hex color C6A000 looks on a white background.

## Color Contrast Check

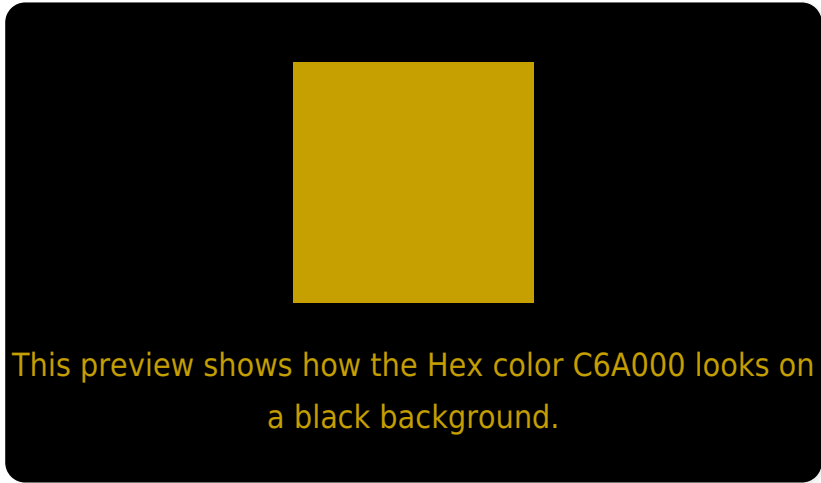
Large Text (above 18pt) WCAG AA × Fail

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 C6A000 Background



This preview shows how black text looks on a background with the Hex color C6A000.



This preview shows how white text looks on a background with the Hex color C6A000.

# 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**  
C6A000

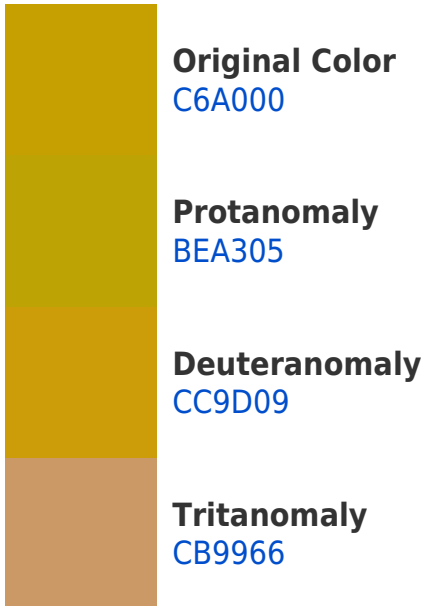
**Protanopia**  
B9A508

**Deuteranopia**  
D09C0E



**Tritanopia**  
CE95A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6A000 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 #C6A000 looks like.

```
.text, #text, p{  
    color:#C6A000  
}
```

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 #C6A000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6A000
}
```

## Border

The CSS property to change the border of an element to Hex C6A000 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
#C6A000 }
```

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

```
.border{ border-color:#C6A000 }
```

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

Here you see how a box with a 4 pixel #C6A000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6A000; -webkit-box-shadow:4px 4px  
4px 4px #C6A000; box-shadow:4px 4px 4px  
4px #C6A000 }
```

# Background

The CSS property to change the background color of an element to Hex C6A000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6A000 }
```

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

```
.background{ background-color:#C6A000 }
```

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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