

# Converting Colors

Hex(C06209)

Have a look what the booklet for  
Hex(C06209) contains.

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**Color**

**Hex(C06209)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C06209
RGB	192, 98, 9
RGB Percent	75%, 38%, 4%
CMY	0.2471, 0.6157, 0.9647
CMYK	0.00, 0.49, 0.95, 0.25
HSL	29°, 91%, 39%
HSV	29°, 95%, 75%
XYZ	26.1552, 19.9616, 2.7329
YIQ	115.9600, 84.5930, -7.7510

# Conversions

## Conversions Part 2

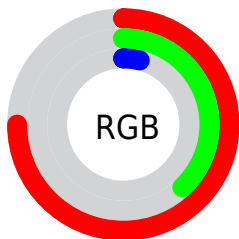
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 182, 9
Decimal	12608009
CIE Lab	51.79, 33.01, 58.33
CIE LCh	52, 67.019, 60.496
Yxy	19.9616, 0.5354, 0.4086
Android (android.graphics.Color)	4290798089 (0xFFC06209)
YUV	115.9600, -52.7313, 66.6871
Hunter-Lab	44.6784, 26.3088, 27.6482

# Details

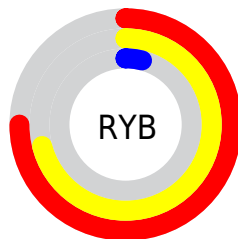
The Hex color **C06209** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **0967C0**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FE9643**, and **843100** is the 20% darker color. If you saturate the color by 10%, you get **C05D00**, and if you desaturate by 10%, it is **C06C1C**.

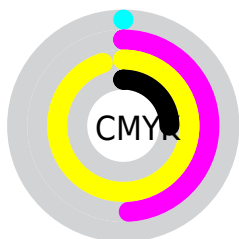
# Distribution



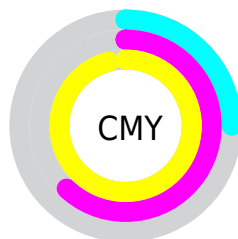
- Red (75%)
- Green (38%)
- Blue (4%)



- Red (75%)
- Yellow (71%)
- Blue (4%)



- Cyan (0%)
- Magenta (49%)
- Yellow (95%)
- Black (25%)



- Cyan (25%)
- Magenta (62%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C06209 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 C06209 by changing the saturation by 10% instead.



 C06209

 C06209

FFFFFF

 A14900

 FE9643

 843100

 FFB15D

 661900

 FFCD78

 490000

 FFE993

 300001

 FFFFAE

 000000

 FFFFCA

 FFFFFE7

 C06209

 C06209

■ C05D00

■ C06C1C

■ C0762F

■ C08043

■ C08956

■ C09369

■ C09D7C

■ C0A78F

■ C0B1A3

■ C0BBB6

# Harmonies

## Analogous

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



DB4645



C06209



947900

# Triad

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



C06209



00957B



786CDF

# Complementary

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



C06209



0967C0

# 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.



0082EF



C06209



0095B4

# Square

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



C06209



00913F



008FDF



C04EB5

# Rectangle

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



C06209



708400



008FDF



4D74E8



# Sweetspot

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



C06209



FAD5B1



C00968



7D6651



FCFCFC



7D7D7D



# Same Dimension

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



C06209



FA7A00



C0BD09



615C57



A14E00



211000



# Inverse Universe

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



0967C0



0080FA



090CC0



575C61



0053A1



001121



# Previews

## White Background



This preview shows how the Hex color C06209 looks on a white background.

## Color Contrast Check

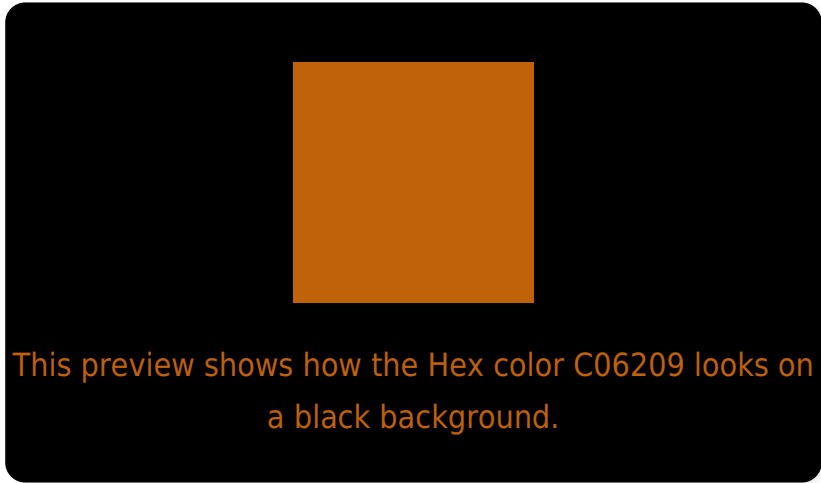
Large Text (above 18pt) WCAG AA ✓ Pass

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 C06209 Background



This preview shows how black text looks on a background with the Hex color C06209.



This preview shows how white text looks on a background with the Hex color C06209.

# 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**  
C06209

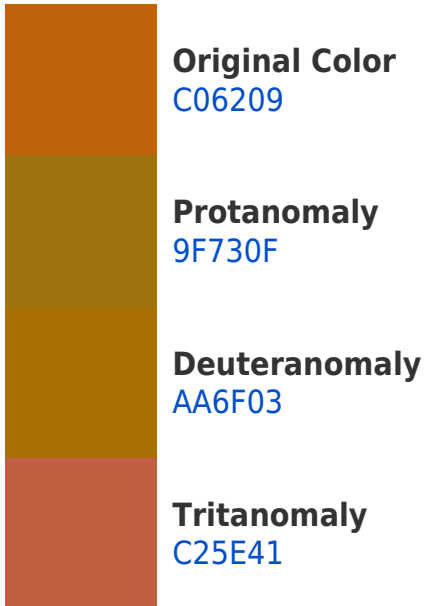
**Protanopia**  
8C7C13

**Deuteranopia**  
9D7600



**Tritanopia**  
C35B61

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C06209 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 #C06209 looks like.

```
.text, #text, p{  
    color:#C06209  
}
```

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 #C06209 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C06209
}
```

## Border

The CSS property to change the border of an element to Hex C06209 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
#C06209 }
```

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

```
.border{ border-color:#C06209 }
```

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

Here you see how a box with a 4 pixel #C06209 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C06209; -webkit-box-shadow:4px 4px  
4px 4px #C06209; box-shadow:4px 4px 4px  
4px #C06209 }
```

# Background

The CSS property to change the background color of an element to Hex C06209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C06209 }
```

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

```
.background{ background-color:#C06209 }
```

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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