

# Converting Colors

Hex(C56B08)

Have a look what the booklet for  
Hex(C56B08) contains.

<b>Hex(C56B08)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(C56B08)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C56B08
RGB	197, 107, 8
RGB Percent	77%, 42%, 3%
CMY	0.2275, 0.5804, 0.9686
CMYK	0.00, 0.46, 0.96, 0.23
HSL	31°, 92%, 40%
HSV	31°, 96%, 77%
XYZ	28.3275, 22.4032, 3.0610
YIQ	122.6240, 85.4190, -11.7090

# Conversions

## Conversions Part 2

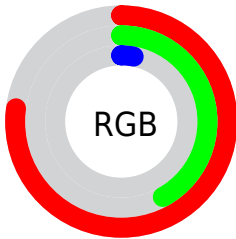
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 197, 8
Decimal	12937992
CIELab	54.45, 30.31, 60.66
CIElCh	54, 67.808, 63.448
Yxy	22.4032, 0.5266, 0.4165
Android (android.graphics.Color)	4291128072 (0xFFC56B08)
YUV	122.6240, -56.5096, 65.2278
Hunter-Lab	47.3321, 23.9983, 29.2982

# Details

The Hex color **C56B08** 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 **0862C5**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF9F45**, and **893A00** is the 20% darker color. If you saturate the color by 10%, you get **C56700**, and if you desaturate by 10%, it is **C5741C**.

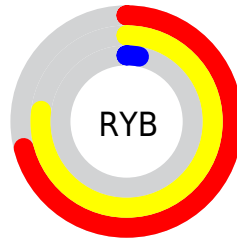
# Distribution



Red (77%)

Green (42%)

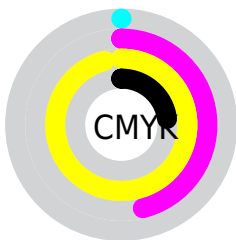
Blue (3%)



Red (71%)

Yellow (77%)

Blue (3%)

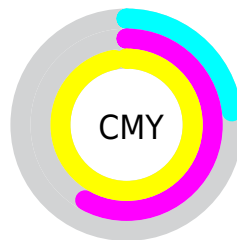


Cyan (0%)

Magenta (46%)

Yellow (96%)

Black (23%)



Cyan (23%)

Magenta (58%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C56B08 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 C56B08 by changing the saturation by 10% instead.



 C56B08

 C56B08

FFFFFF

 A65200

 FF9F45

 893A00

 FFBA5F

 6B2200

 FFD67A

 4E0900

 FFF395

 330000

 FFFFFB0

 100000

 FFFFCC

 000000

 FFFFFE9

 C56B08

 C56B08

■ C56700

■ C5741C

■ C57E2F

■ C58743

■ C59157

■ C59A6B

■ C5A37E

■ C5AD92

■ C5B6A6

■ C5BFB9

# Harmonies

## Analogous

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



E34F45



C56B08



978200

# Triad

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



C56B08



009C88



896FE5

# Complementary

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



C56B08



0862C5

# 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.



0087F8



C56B08



009CC2

# Square

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



C56B08



00994A



0096EB



CD52B8

# Rectangle

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



C56B08



708D00



0096EB



6378EF



# Sweetspot

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



C56B08



FFDCB5



C50863



806A53



000000



808080



# Same Dimension

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



C56B08



FF8600



C2C508



635F5A



A35500



241300



# Inverse Universe

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



0862C5



0079FF



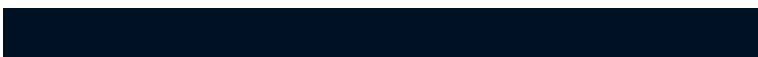
0B08C5



5A5E63



004EA3



001124



# Previews

## White Background



This preview shows how the Hex color C56B08 looks on a white background.

## Color Contrast Check

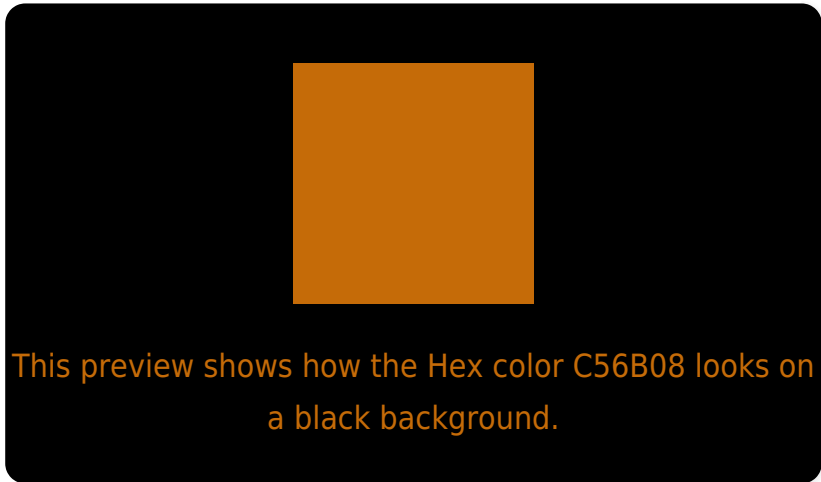
Large Text (above 18pt) WCAG AA ✓ Pass

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 C56B08 Background



This preview shows how black text looks on a background with the Hex color C56B08.



This preview shows how white text looks on a background with the Hex color C56B08.

# 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**  
C56B08

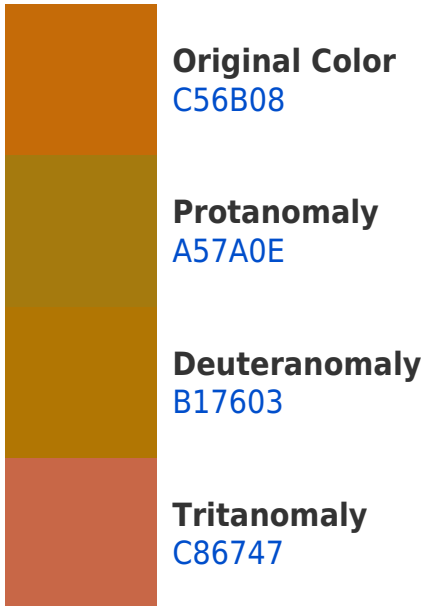
**Protanopia**  
938312

**Deuteranopia**  
A57C00

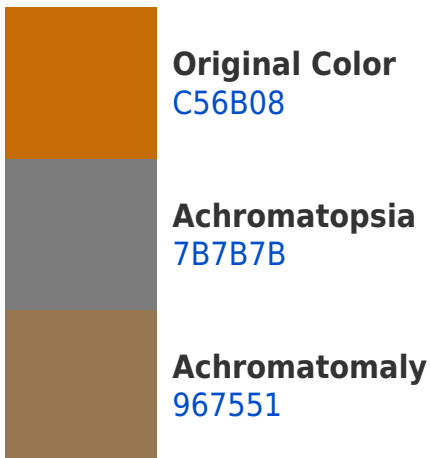


**Tritanopia**  
C9646B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C56B08 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 #C56B08 looks like.

```
.text, #text, p{  
    color:#C56B08  
}
```

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 #C56B08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C56B08
}
```

## Border

The CSS property to change the border of an element to Hex C56B08 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
#C56B08 }
```

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

```
.border{ border-color:#C56B08 }
```

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

Here you see how a box with a 4 pixel #C56B08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C56B08; -webkit-box-shadow:4px 4px  
4px 4px #C56B08; box-shadow:4px 4px 4px  
4px #C56B08 }
```

# Background

The CSS property to change the background color of an element to Hex C56B08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C56B08 }
```

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

```
.background{ background-color:#C56B08 }
```

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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