

# Converting Colors

Hex(C57400)

Have a look what the booklet for  
Hex(C57400) contains.

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**Color**

**Hex(C57400)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | C57400                      |
| RGB         | 197, 116, 0                 |
| RGB Percent | 77%, 45%, 0%                |
| CMY         | 0.2275, 0.5451, 1.0000      |
| CMYK        | 0.00, 0.41, 1.00, 0.23      |
| HSL         | 35°, 100%, 39%              |
| HSV         | 35°, 100%, 77%              |
| XYZ         | 29.2713, 24.3611, 3.1594    |
| YIQ         | 126.9950, 85.5120, -18.9040 |

# Conversions

## Conversions Part 2

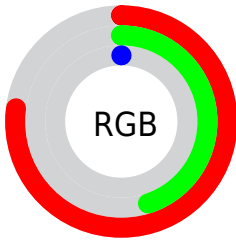
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>Y</sub>B</b>               | 138, 197, 0                    |
| Decimal                             | 12940288                       |
| CIE Lab                             | 56.45, 25.38, 63.45            |
| CIE LCh                             | 56, 68.339, 68.199             |
| Yxy                                 | 24.3611, 0.5154,<br>0.4290     |
| Android<br>(android.graphics.Color) | 4291130368<br>(0xFFC57400)     |
| YUV                                 | 126.9950, -62.6085,<br>61.3944 |
| Hunter-Lab                          | 49.3570, 19.4855,<br>30.7547   |

# Details

The Hex color **C57400** 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 **0051C5**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FFA843**, and **894300** is the 20% darker color. If you saturate the color by 10%, you get **C57400**, and if you desaturate by 10%, it is **C57C14**.

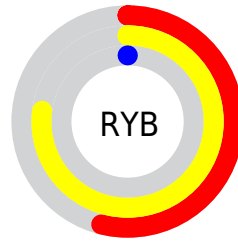
# Distribution



Red (77%)

Green (45%)

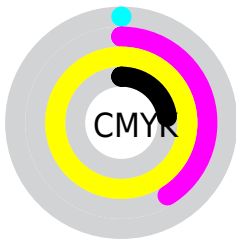
Blue (0%)



Red (54%)

Yellow (77%)

Blue (0%)

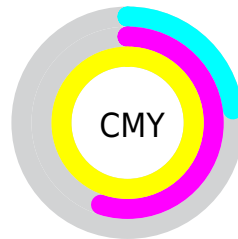


Cyan (0%)

Magenta (41%)

Yellow (100%)

Black (23%)



Cyan (23%)

Magenta (55%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C57400 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 C57400 by changing the saturation by 10% instead.



 C57400

 C57400

FFFFFF

 A75B00

 FFA843

 894300

 FFC45E

 6B2C00

 FFE079

 4F1600

 FFFC94

 340000

 FFFF4F

 160000

 FFFFCC

 000000

 FFFF99

 C57400

 C57C14

 C58427

 C58C3B

 C5944F

 C59D63

 C5A576

 C5AD8A

 C5B59E

 C5BDB1

# Harmonies

## Analogous

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



E65941



C57400



948A00

# Triad

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



C57400



00A297



9D70E6

# Complementary

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



C57400



0051C5

# 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.



0089FE



C57400



00A1D0

# Square

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



C57400



009F58



0099F6



DA52B5

# Rectangle

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



C57400



6B9400



0099F6



7C79F1



# Sweetspot

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



C57400



FFE0B3



C50052



806D52



000000



808080



# Same Dimension

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



C57400



FF9600



B5C500



635F5A



A36000



241500



# Inverse Universe

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



0051C5



0069FF



1000C5



5A5E63



0043A3

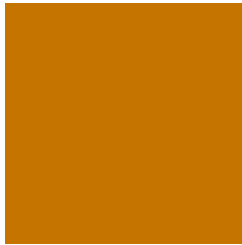


000F24



# Previews

## White Background



This preview shows how the Hex color C57400 looks on a white background.

## Color Contrast Check

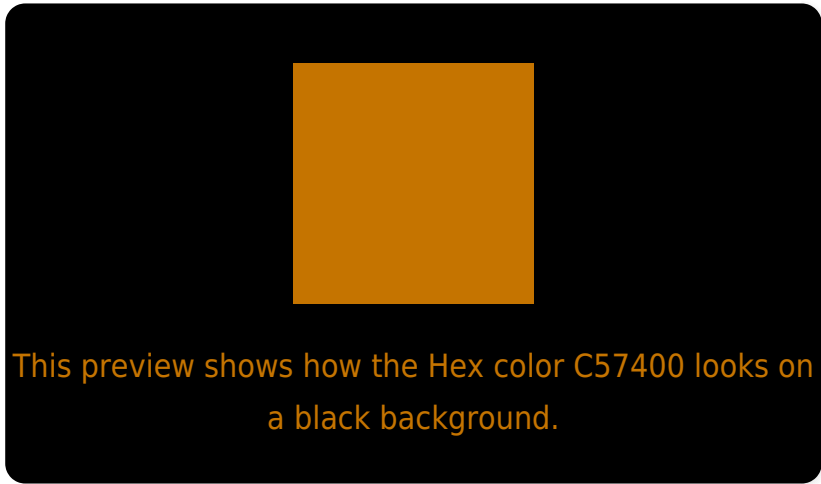
Large Text (above 18pt) WCAG AA ✓ Pass

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 C57400 Background



This preview shows how black text looks on a background with the Hex color C57400.



This preview shows how white text looks on a background with the Hex color C57400.

# 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**  
C57400

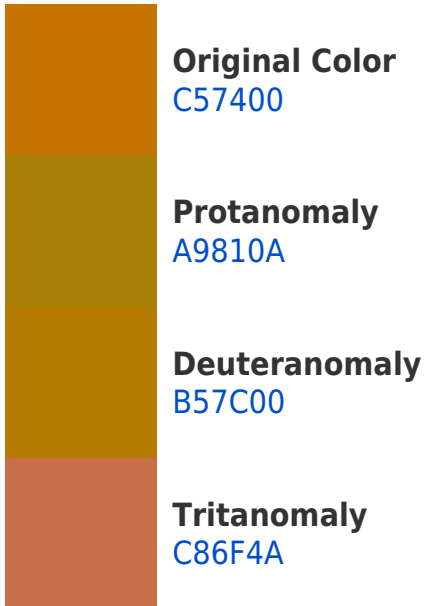
**Protanopia**  
99880F

**Deuteranopia**  
AC8100



**Tritanopia**  
C96C74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C57400 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 #C57400 looks like.

```
.text, #text, p{  
    color:#C57400  
}
```

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 #C57400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C57400
}
```

## Border

The CSS property to change the border of an element to Hex C57400 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
#C57400 }
```

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

```
.border{ border-color:#C57400 }
```

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

Here you see how a box with a 4 pixel #C57400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C57400; -webkit-box-shadow:4px 4px  
4px 4px #C57400; box-shadow:4px 4px 4px  
4px #C57400 }
```

# Background

The CSS property to change the background color of an element to Hex C57400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C57400 }
```

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

```
.background{ background-color:#C57400 }
```

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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