

Converting Colors

Hex(CC661B)

Have a look what the booklet for
Hex(CC661B) contains.

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Color

Hex(CC661B)

Conversions

Conversions Part 1

Format	Color
Hex	CC661B
RGB	204, 102, 27
RGB Percent	80%, 40%, 11%
CMY	0.2000, 0.6000, 0.8941
CMYK	0.00, 0.50, 0.87, 0.20
HSL	25°, 77%, 45%
HSV	25°, 87%, 80%
XYZ	29.8510, 22.4192, 3.7909
YIQ	123.9480, 84.8670, -1.7010

Conversions

Conversions Part 2

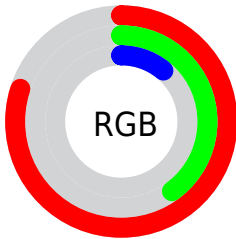
Format	Color
R_{YB}	204, 157, 27
Decimal	13395483
CIE _{Lab}	54.47, 36.12, 56.19
CIE _{LCh}	54, 66.800, 57.265
Yxy	22.4192, 0.5325, 0.3999
Android (android.graphics.Color)	4291585563 (0xFFCC661B)
YUV	123.9480, -47.7954, 70.2056
Hunter-Lab	47.3490, 29.6742, 28.3973

Details

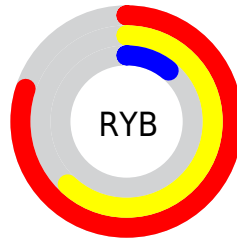
The Hex color **CC661B** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **1B81CC**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF9B4F**, and **8F3400** is the 20% darker color. If you saturate the color by 10%, you get **CC5A07**, and if you desaturate by 10%, it is **CC722F**.

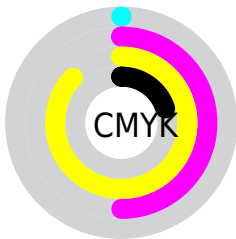
Distribution



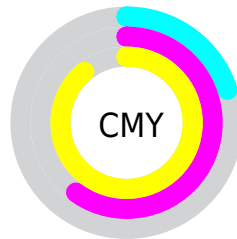
- Red (80%)
- Green (40%)
- Blue (11%)



- Red (80%)
- Yellow (62%)
- Blue (11%)



- Cyan (0%)
- Magenta (50%)
- Yellow (87%)
- Black (20%)



- Cyan (20%)
- Magenta (60%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC661B 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 CC661B by changing the saturation by 10% instead.

 CC661B

 CC661B


FFFFFF

 AD4D00

 FF9B4F

 8F3400

 FFB669

 711B00

 FFD284

 540000

 FFEE9F

 380000

 FFFFBA

 190001

 FFFFD6

 000000

 FFFFF3

 CC661B

 CC661B

■ CC5A07

■ CC722F

■ CC5600

■ CC7E44

■ CC8958

■ CC956D

■ CCA181

■ CCAD95

■ CCB8AA

■ CCC4BE

■ CCD0D3

Harmonies

Analogous

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



E54C51



CC661B



A17E00

Triad

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



CC661B



009C7B



7475EA

Complementary

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



CC661B



1B81CC

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.



008BF6



CC661B



009CB6

Square

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



CC661B



00983F



0097E3



C259C2

Rectangle

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



CC661B



7D8A00



0097E3



447EF1

Sweetspot

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



CC661B



FFD9BD



CC1B82



806958



000000



808080

Same Dimension

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



CC661B



FF6C00



CCBD1B



66605C



A64600



261000

Inverse Universe

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



1B81CC



0093FF



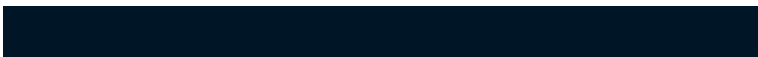
1B2ACC



5C6266



0060A6



001626

Previews

White Background



This preview shows how the Hex color CC661B looks on a white background.

Color Contrast Check

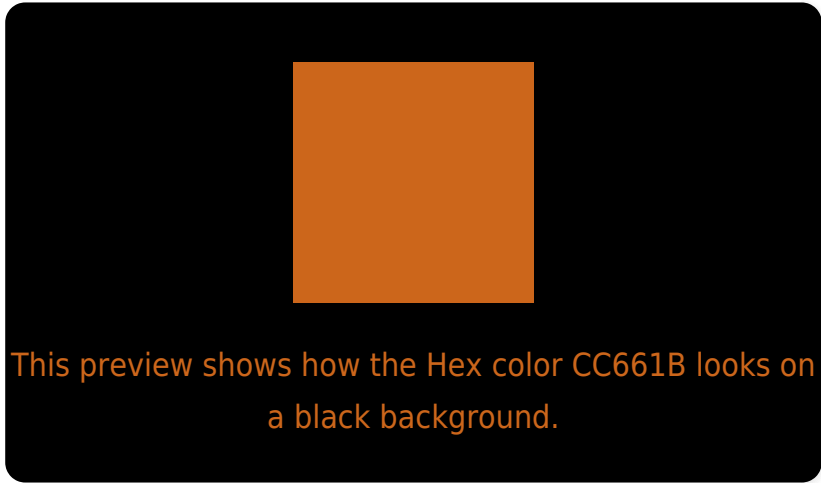
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC661B Background



This preview shows how black text looks on a background with the Hex color CC661B.



This preview shows how white text looks on a background with the Hex color CC661B.

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
CC661B

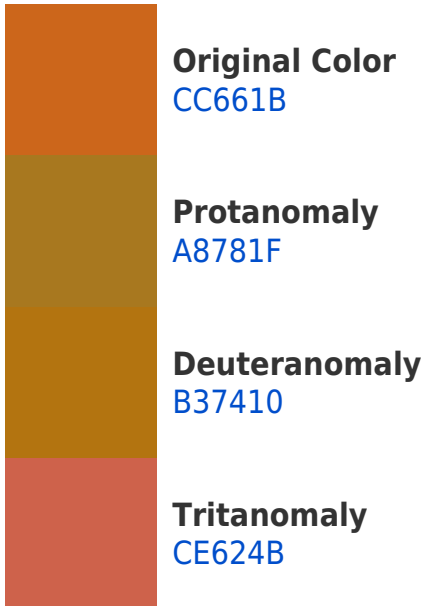
Protanopia
938322

Deuteranopia
A57C0A



Tritanopia
CF5F66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CC661B 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 #CC661B looks like.

```
.text, #text, p{  
    color:#CC661B  
}
```

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 #CC661B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC661B
}
```

Border

The CSS property to change the border of an element to Hex CC661B 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
#CC661B }
```

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

```
.border{ border-color:#CC661B }
```

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

Here you see how a box with a 4 pixel #CC661B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC661B; -webkit-box-shadow:4px 4px  
4px 4px #CC661B; box-shadow:4px 4px 4px  
4px #CC661B }
```

Background

The CSS property to change the background color of an element to Hex CC661B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC661B }
```

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

```
.background{ background-color:#CC661B }
```

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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