

# Converting Colors

Hex(CB6117)

Have a look what the booklet for  
Hex(CB6117) contains.

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**Color**

**Hex(CB6117)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB6117
RGB	203, 97, 23
RGB Percent	80%, 38%, 9%
CMY	0.2039, 0.6196, 0.9098
CMYK	0.00, 0.52, 0.89, 0.20
HSL	25°, 80%, 44%
HSV	25°, 89%, 80%
XYZ	29.0580, 21.3078, 3.3919
YIQ	120.2580, 86.9300, -0.5420

# Conversions

## Conversions Part 2

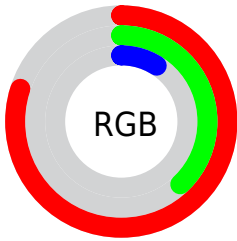
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 149, 23
Decimal	13328663
CIE <sub>Lab</sub>	53.28, 38.19, 56.53
CIE <sub>LCh</sub>	53, 68.218, 55.956
Yxy	21.3078, 0.5405, 0.3964
Android (android.graphics.Color)	4291518743 (0xFFCB6117)
YUV	120.2580, -47.9482, 72.5647
Hunter-Lab	46.1603, 31.5853, 27.9556

# Details

The Hex color **CB6117** 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 **1781CB**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF964C**, and **8E2F00** is the 20% darker color. If you saturate the color by 10%, you get **CB5503**, and if you desaturate by 10%, it is **CB6D2B**.

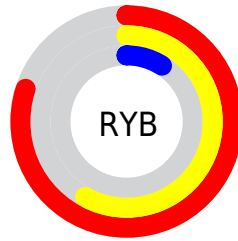
# Distribution



Red (80%)

Green (38%)

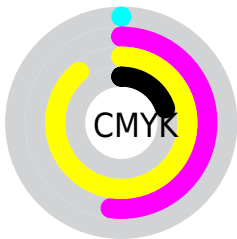
Blue (9%)



Red (80%)

Yellow (58%)

Blue (9%)

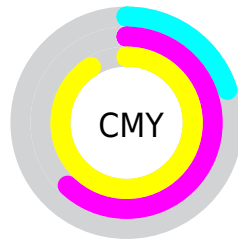


Cyan (0%)

Magenta (52%)

Yellow (89%)

Black (20%)



Cyan (20%)

Magenta (62%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB6117 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 CB6117 by changing the saturation by 10% instead.



 CB6117

 CB6117

FFFFFF

 AC4800

 FF964C

 8E2F00

 FFB166

 701400

 FFCD80

 520000

 FFE99B

 370000

 FFFFB6

 150000

 FFFFD2

 000000

 FFFFEE

 CB6117

 CB6117

 CB5503

 CB6D2B

 CB5300

 CB7940

 CB8554

 CB9168

 CB9D7D

 CBA991

 CBB5A5

 CBC1B9

 CBCDCE

# Harmonies

## Analogous

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



E44550



CB6117



A07A00

# Triad

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



CB6117



009975



6A73EA

# Complementary

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



CB6117



1781CB

# 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.



0089F5



CB6117



0099B1

# Square

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



CB6117



009438



0095E0



BD55C2

# Rectangle

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



CB6117



7C8600



0095E0



317CF1



# Sweetspot

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



CB6117



FFD6BA



CB1783



806757



000000



808080



# Same Dimension

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



CB6117



FF6900



CBB917



66605C



A64400



261000

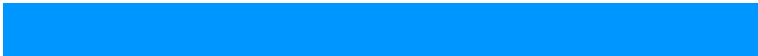


# Inverse Universe

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



1781CB



0096FF



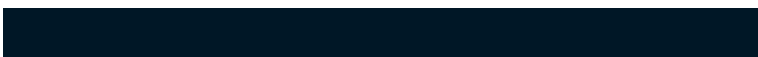
1729CB



5C6266



0062A6



001726



# Previews

## White Background



This preview shows how the Hex color CB6117 looks on a white background.

## Color Contrast Check

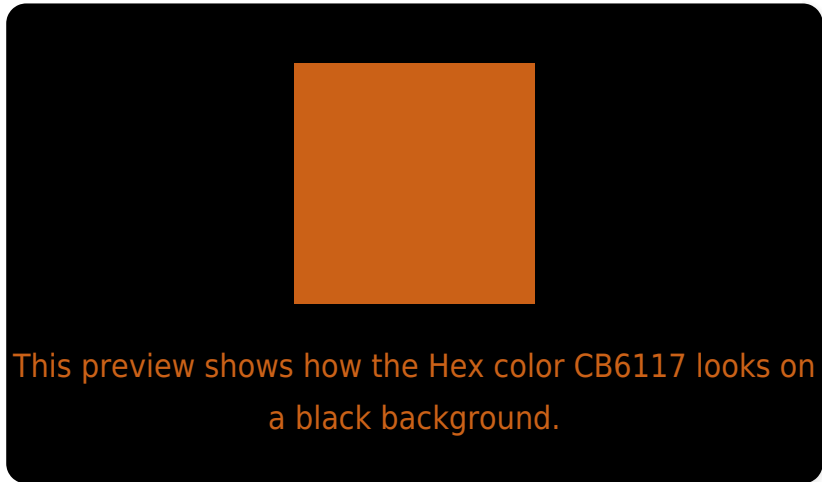
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB6117 Background



This preview shows how black text looks on a background with the Hex color CB6117.



This preview shows how white text looks on a background with the Hex color CB6117.

# 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



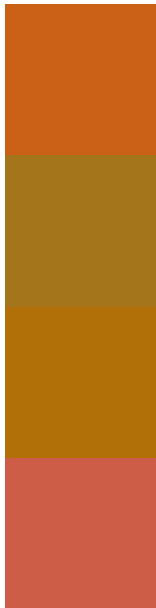
**Original Color**  
CB6117

**Protanopia**  
90801F

**Deuteranopia**  
A27900



# Trichromacy



**Original Color**  
CB6117

**Protanomaly**  
A5751C

**Deuteranomaly**  
B17008

**Tritanomaly**  
CD5D46

# Monochromacy



**Original Color**  
CB6117

**Achromatopsia**  
787878

**Achromatomaly**  
967055

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB6117 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 #CB6117 looks like.

```
.text, #text, p{  
    color:#CB6117  
}
```

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 #CB6117 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB6117
}
```

## Border

The CSS property to change the border of an element to Hex CB6117 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
#CB6117 }
```

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

```
.border{ border-color:#CB6117 }
```

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

Here you see how a box with a 4 pixel #CB6117 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB6117; -webkit-box-shadow:4px 4px  
4px 4px #CB6117; box-shadow:4px 4px 4px  
4px #CB6117 }
```

# Background

The CSS property to change the background color of an element to Hex CB6117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB6117 }
```

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

```
.background{ background-color:#CB6117 }
```

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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