

# Converting Colors

Hex(CB5A11)

Have a look what the booklet for  
Hex(CB5A11) contains.

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**Color**

**Hex(CB5A11)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB5A11
RGB	203, 90, 17
RGB Percent	80%, 35%, 7%
CMY	0.2039, 0.6471, 0.9333
CMYK	0.00, 0.56, 0.92, 0.20
HSL	24°, 85%, 43%
HSV	24°, 92%, 80%
XYZ	28.3859, 20.0493, 2.9041
YIQ	115.4650, 90.7810, 1.2530

# Conversions

## Conversions Part 2

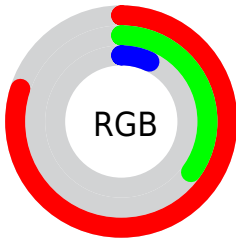
Format	Color
<a href="#">RYB</a>	<a href="#">203, 137, 17</a>
Decimal	<a href="#">13326865</a>
CIELab	<a href="#">51.89, 41.57, 57.30</a>
CIElCh	<a href="#">52, 70.793, 54.039</a>
Yxy	<a href="#">20.0493, 0.5529, 0.3905</a>
Android (android.graphics.Color)	<a href="#">4291516945 (0xFFCB5A11)</a>
YUV	<a href="#">115.4650, -48.5432, 76.7682</a>
Hunter-Lab	<a href="#">44.7765, 34.8009, 27.4981</a>

# Details

The Hex color **CB5A11** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **1182CB**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF8F47**, and **8D2600** is the 20% darker color. If you saturate the color by 10%, you get **CB5000**, and if you desaturate by 10%, it is **CB6625**.

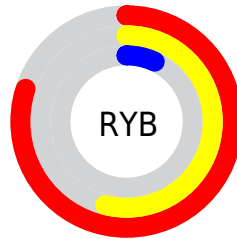
# Distribution



Red (80%)

Green (35%)

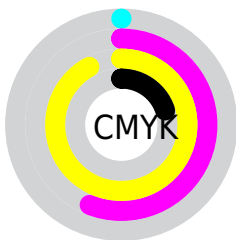
Blue (7%)



Red (80%)

Yellow (54%)

Blue (7%)

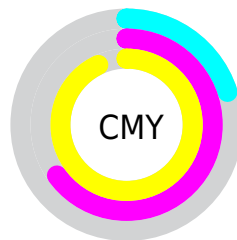


Cyan (0%)

Magenta (56%)

Yellow (92%)

Black (20%)



Cyan (20%)

Magenta (65%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB5A11 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 CB5A11 by changing the saturation by 10% instead.



 CB5A11

 CB5A11

FFFFFF

 AC4000

 FF8F47

 8D2600

 FFAA61

 6F0700

 FFC67B

 510000

 FFE296

 370001

 FFFFB1

 100000

 FFFFCD

 000000

 FFFFEA

 CB5A11

 CB5A11

 CB5000

 CB6625

 CB733A

 CB7F4E

 CB8B62

 CB9877

 CBA48B

 CBB09F

 CBBDB3

 CBC9C8

# Harmonies

## Analogous

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



E33B4F



CB5A11



A07500

# Triad

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



CB5A11



00956D



5A71EC

# Complementary

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



CB5A11



1182CB

# 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.



0087F5



CB5A11



0096AC

# Square

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



CB5A11



00912D



0092DE



B851C4

# Rectangle

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



CB5A11



7B8200



0092DE



007AF3



# Sweetspot

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



CB5A11



FFD5BA



CB1184



806757



000000



808080



# Same Dimension

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



CB5A11



FF6400



CBB511



66605C



A64100



260F00



# Inverse Universe

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



1182CB



009BFF



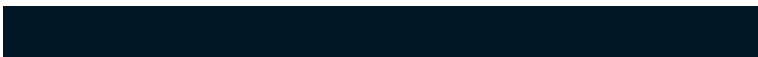
1127CB



5C6266



0065A6



001726



# Previews

## White Background



This preview shows how the Hex color CB5A11 looks on a white background.

## Color Contrast Check

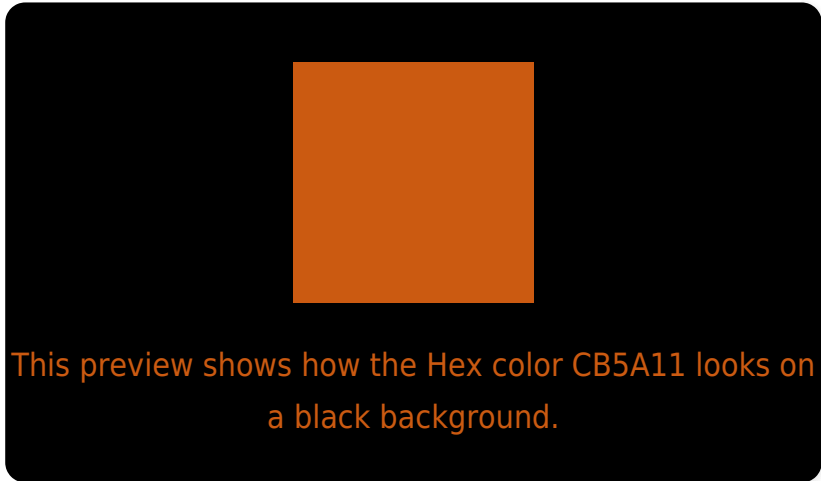
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB5A11 Background



This preview shows how black text looks on a background with the Hex color CB5A11.



This preview shows how white text looks on a background with the Hex color CB5A11.

# 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



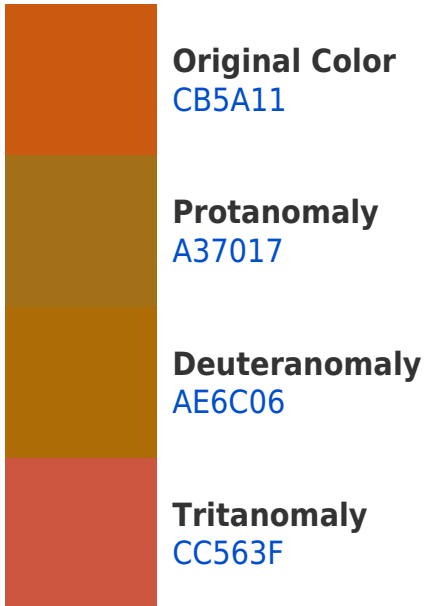
**Original Color**  
CB5A11

**Protanopia**  
8C7D1B

**Deuteranopia**  
9D7600



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB5A11 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 #CB5A11 looks like.

```
.text, #text, p{  
    color:#CB5A11  
}
```

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 #CB5A11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB5A11
}
```

## Border

The CSS property to change the border of an element to Hex CB5A11 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
#CB5A11 }
```

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

```
.border{ border-color:#CB5A11 }
```

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

Here you see how a box with a 4 pixel #CB5A11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB5A11; -webkit-box-shadow:4px 4px  
4px 4px #CB5A11; box-shadow:4px 4px 4px  
4px #CB5A11 }
```

# Background

The CSS property to change the background color of an element to Hex CB5A11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB5A11 }
```

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

```
.background{ background-color:#CB5A11 }
```

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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