

# Converting Colors

Hex(CB5F38)

Have a look what the booklet for  
Hex(CB5F38) contains.

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# Color

**Hex(CB5F38)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB5F38
RGB	203, 95, 56
RGB Percent	80%, 37%, 22%
CMY	0.2039, 0.6275, 0.7804
CMYK	0.00, 0.53, 0.72, 0.20
HSL	16°, 59%, 51%
HSV	16°, 72%, 80%
XYZ	29.4346, 21.1665, 6.2755
YIQ	122.8460, 76.8870, 10.7670

# Conversions

## Conversions Part 2

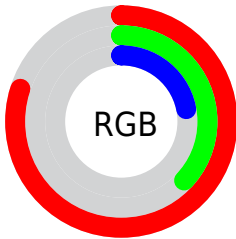
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 109, 56
Decimal	13328184
CIE <sub>Lab</sub>	53.13, 40.30, 41.94
CIE <sub>LCh</sub>	53, 58.162, 46.139
Yxy	21.1665, 0.5175, 0.3721
Android (android.graphics.Color)	4291518264 (0xFFCB5F38)
YUV	122.8460, -32.9551, 70.2951
Hunter-Lab	46.0070, 33.6894, 24.1175

# Details

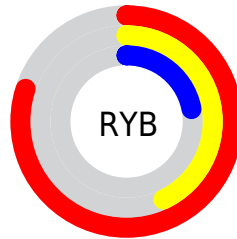
The Hex color **CB5F38** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **38A4CB**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF9469**, and **8E2C08** is the 20% darker color. If you saturate the color by 10%, you get **CB5024**, and if you desaturate by 10%, it is **CB6E4C**.

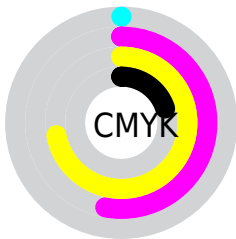
# Distribution



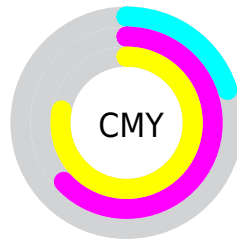
- Red (80%)
- Green (37%)
- Blue (22%)



- Red (80%)
- Yellow (43%)
- Blue (22%)



- Cyan (0%)
- Magenta (53%)
- Yellow (72%)
- Black (20%)



- Cyan (20%)
- Magenta (63%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB5F38 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 CB5F38 by changing the saturation by 10% instead.



 CB5F38

 CB5F38

FFFFFF

 AD4521

 FF9469

 8E2C08

 FFAF82

 710F00

 FFCB9D

 540000

 FFE8B8

 390000

 FFFFD4

 170000

 FFFFF0

 000000

 CB5F38

 CB5F38

 CB5024

 CB6E4C

 CB410F

 CB7D61

 CB3600

 CB8C75

 CB9B89

 CBAA9E

 CBB8B2

 CBC7C6

 CBD6DA

 CBE5EF

# Harmonies

## Analogous

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



D94E66



CB5F38



AB7410

# Triad

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



CB5F38



009565



4D7BE0

# Complementary

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



CB5F38



38A4CB

# 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.



008BE0



CB5F38



009699

# Square

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



CB5F38



428F34



0094C6



A365C5

# Rectangle

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



CB5F38



8E8002



0094C6



0081E3



# Sweetspot

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



CB5F38



FFD6C7



CB38A6



80675E



000000



808080



# Same Dimension

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



CB5F38



FF5C21



CBA638



665F5C



A62C00



260A00



# Inverse Universe

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



38A4CB



21C4FF



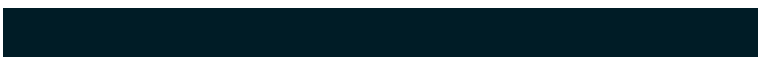
385DCB



5C6366



007AA6

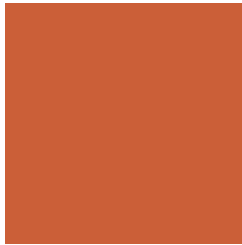


001C26



# Previews

## White Background



This preview shows how the Hex color CB5F38 looks on a white background.

## Color Contrast Check

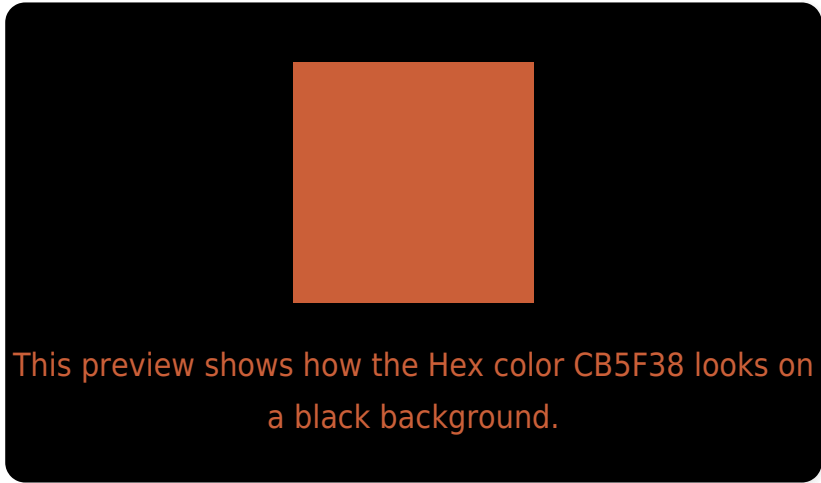
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB5F38 Background



This preview shows how black text looks on a background with the Hex color CB5F38.



This preview shows how white text looks on a background with the Hex color CB5F38.

# 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



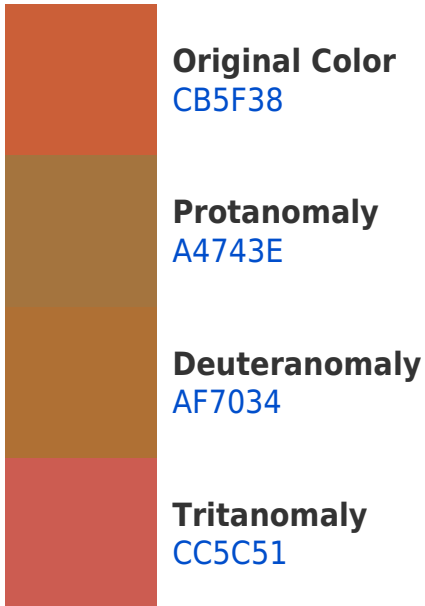
**Original Color**  
CB5F38

**Protanopia**  
8D8042

**Deuteranopia**  
9F7932



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB5F38 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 #CB5F38 looks like.

```
.text, #text, p{  
    color:#CB5F38  
}
```

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 #CB5F38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB5F38
}
```

## Border

The CSS property to change the border of an element to Hex CB5F38 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
#CB5F38 }
```

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

```
.border{ border-color:#CB5F38 }
```

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

Here you see how a box with a 4 pixel #CB5F38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB5F38; -webkit-box-shadow:4px 4px  
4px 4px #CB5F38; box-shadow:4px 4px 4px  
4px #CB5F38 }
```

# Background

The CSS property to change the background color of an element to Hex CB5F38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB5F38 }
```

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

```
.background{ background-color:#CB5F38 }
```

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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