

# Converting Colors

Hex(C11C13)

Have a look what the booklet for  
Hex(C11C13) contains.

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# Color

**Hex(C11C13)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C11C13                     |
| RGB           | 193, 28, 19                |
| RGB Percent   | 76%, 11%, 7%               |
| CMY           | 0.2431, 0.8902, 0.9255     |
| CMYK          | 0.00, 0.85, 0.90, 0.24     |
| HSL           | 3°, 82%, 42%               |
| HSV           | 3°, 90%, 76%               |
| XYZ           | 22.5251, 12.2150, 1.7866   |
| YIQ           | 76.3090, 101.2290, 32.1810 |

# Conversions

## Conversions Part 2

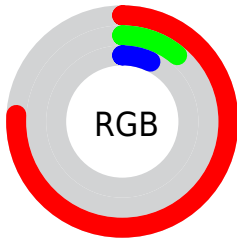
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">193, 28, 19</a>                                  |
| Decimal                             | <a href="#">12655635</a>                                     |
| CIELab                              | <a href="#">41.56, 61.33, 48.41</a>                          |
| CIElCh                              | <a href="#">42, 78.138, 38.285</a>                           |
| Yxy                                 | <a href="#">12.2150, 0.6167, 0.3344</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4290845715</a><br>( <a href="#">0xFFC11C13</a> ) |
| YUV                                 | <a href="#">76.3090, -28.2533, 102.3380</a>                  |
| Hunter-Lab                          | <a href="#">34.9499, 53.8803, 21.4341</a>                    |

# Details

The Hex color **C11C13** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **13B8C1**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FF5C42**, and **820000** is the 20% darker color. If you saturate the color by 10%, you get **C10A00**, and if you desaturate by 10%, it is **C12E26**.

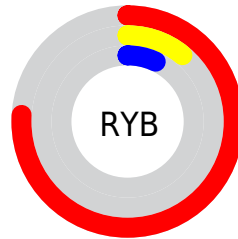
# Distribution



Red (76%)

Green (11%)

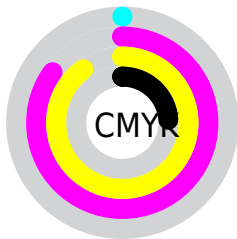
Blue (7%)



Red (76%)

Yellow (11%)

Blue (7%)

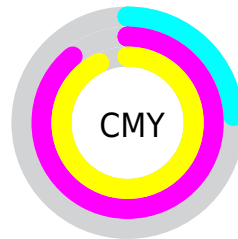


Cyan (0%)

Magenta (85%)

Yellow (90%)

Black (24%)



Cyan (24%)

Magenta (89%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C11C13 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 C11C13 by changing the saturation by 10% instead.



 C11C13

 C11C13

FFFFFFD

 A10000

 FF5C42

 820000

 FF795A

 620000

 FF9574

 460002

 FFB28E

 260001

 FFCFA8

 000000

 FFECC4

 FFFFEO

 C11C13

 C11C13

 C10A00

 C12E26

 C1413A

 C1534D

 C16560

 C17873

 C18A87

 C19C9A

 C1AEAD

 C1C1C1

# Harmonies

## Analogous

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



CE0054



C11C13



9D4C00

# Triad

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



C11C13



00792E



0066E4

# Complementary

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



C11C13



13B8C1

# 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.



0076DB



C11C13



007C73

# Square

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



C11C13



0F7300



007BB1



7446C9

# Rectangle

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



C11C13



7B5F00



007BB1



006CE5



# Sweetspot

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



C11C13



FABAB6



C113B8



7D5755



FCFCFC



7D7D7D



# Same Dimension

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



C11C13



FA0D00



C17313



615857



A10800



210200



# Inverse Universe

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



13B8C1



00EDFA



1361C1



576061



0098A1



001F21



# Previews

## White Background



This preview shows how the Hex color C11C13 looks on a white background.

## Color Contrast Check

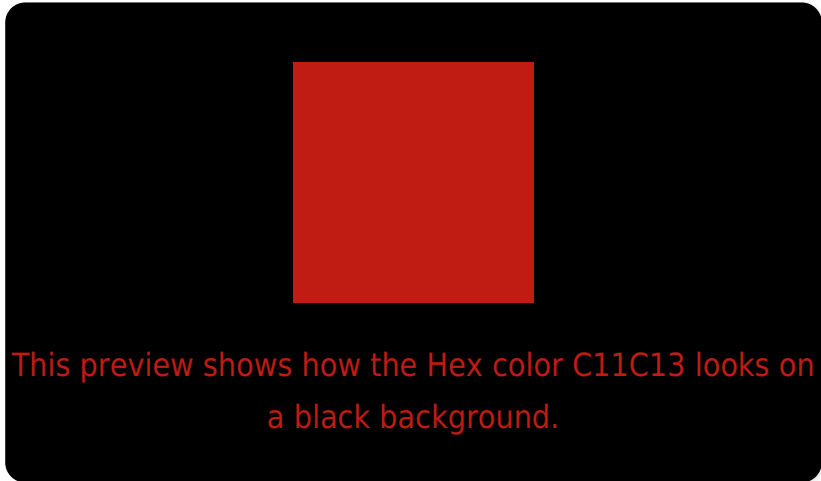
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C11C13 Background



This preview shows how black text looks on a background with the Hex color C11C13.

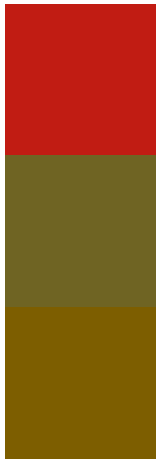


This preview shows how white text looks on a background with the Hex color C11C13.

# 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**  
C11C13

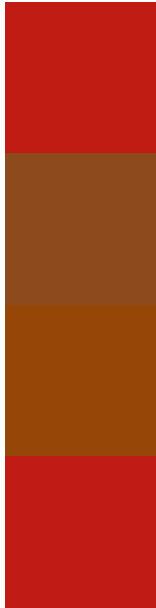
**Protanopia**  
6F6423

**Deuteranopia**  
7D5E00



**Tritanopia**  
C11B18

# Trichromacy



**Original Color**  
C11C13

**Protanomaly**  
8D4A1D

**Deuteranomaly**  
964607

**Tritanomaly**  
C11B16

# Monochromacy



**Original Color**  
C11C13

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
773B37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C11C13 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 #C11C13 looks like.

```
.text, #text, p{  
    color:#C11C13  
}
```

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 #C11C13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C11C13 }
}
```

## Border

The CSS property to change the border of an element to Hex C11C13 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 #C11C13 }
}
```

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

```
.border{ border-color:#C11C13 }
```

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

Here you see how a box with a 4 pixel #C11C13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C11C13; -webkit-box-shadow:4px 4px  
4px 4px #C11C13; box-shadow:4px 4px 4px  
4px #C11C13 }
```

# Background

The CSS property to change the background color of an element to Hex C11C13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C11C13 }
```

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

```
.background{ background-color:#C11C13 }
```

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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