

# Converting Colors

Hex(C21313)

Have a look what the booklet for  
Hex(C21313) contains.

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# Color

**Hex(C21313)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C21313
RGB	194, 19, 19
RGB Percent	76%, 7%, 7%
CMY	0.2392, 0.9255, 0.9255
CMYK	0.00, 0.90, 0.90, 0.24
HSL	0°, 82%, 42%
HSV	0°, 90%, 76%
XYZ	22.5985, 11.9821, 1.7378
YIQ	71.3250, 104.3000, 37.1000

# Conversions

## Conversions Part 2

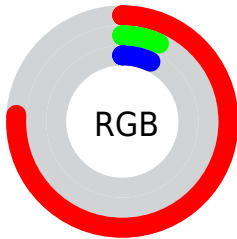
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 19, 19
Decimal	12718867
CIELab	41.19, 63.26, 48.24
CIElCh	41, 79.554, 37.332
Yxy	11.9821, 0.6222, 0.3299
Android (android.graphics.Color)	4290908947 (0xFFC21313)
YUV	71.3250, -25.7962, 107.5860
Hunter-Lab	34.6152, 55.9574, 21.2541

# Details

The Hex color **C21313** 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 **13C2C2**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **FF5842**, and **820000** is the 20% darker color. If you saturate the color by 10%, you get **C20000**, and if you desaturate by 10%, it is **C22626**.

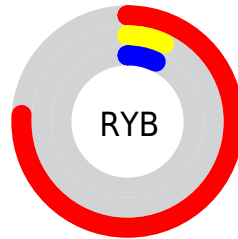
# Distribution



Red (76%)

Green (7%)

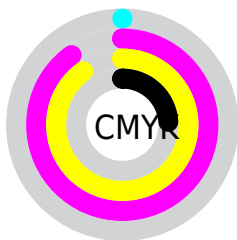
Blue (7%)



Red (76%)

Yellow (7%)

Blue (7%)

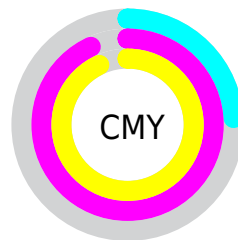


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (24%)



Cyan (24%)

Magenta (93%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C21313 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 C21313 by changing the saturation by 10% instead.



 C21313

 C21313

FFFFFFC

 A20000

 FF5842

 820000

 FF755A

 630000

 FF9273

 460003

 FFAF8D

 270001

 FFCCA8

 000000

 FFE9C3

 FFFFDF

 C21313

 C21313

 C20000

 C22626

 C23A3A

 C24D4D

 C26161

 C27474

 C28787

 C29B9B

 C2AEAE

 C2C2C2

# Harmonies

## Analogous

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



CE0054



C21313



9E4A00

# Triad

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



C21313



00782A



0066E5

# Complementary

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



C21313



13C2C2

# 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.



0075DB



C21313



007B70

# Square

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



C21313



107200



007BB0



6F45CB

# Rectangle

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



C21313



7C5D00



007BB0



006CE6



# Sweetspot

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



C21313



FCB8B8



C213C2



805757



000000



808080



# Same Dimension

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



C21313



FC0000



C26B13



615757



A10000



210000



# Inverse Universe

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



13C2C2



00FCFC



136BC2



576161



00A1A1



002121



# Previews

## White Background



This preview shows how the Hex color C21313 looks on a white background.

## Color Contrast Check

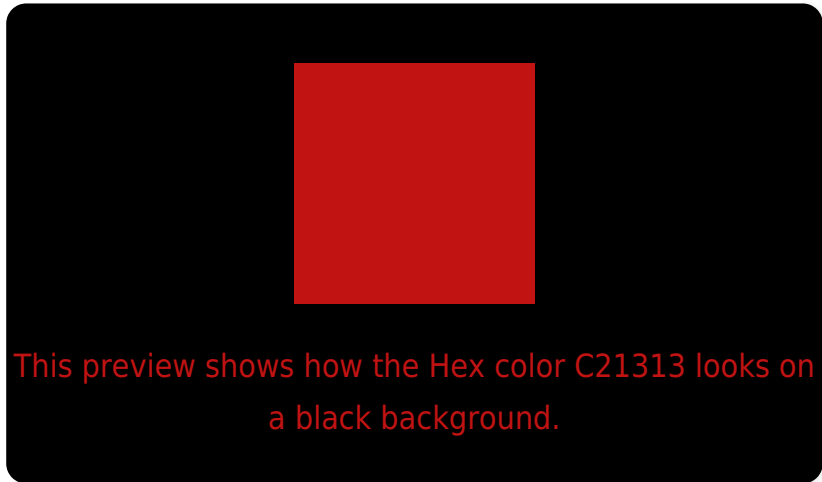
Large Text (above 18pt) WCAG AA ✓ Pass

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 C21313 Background



This preview shows how black text looks on a background with the Hex color C21313.



This preview shows how white text looks on a background with the Hex color C21313.

# 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**  
C21313

**Protanopia**  
6E6323

**Deuteranopia**  
7D5E00



# Trichromacy



**Original Color**  
C21313

**Protanomaly**  
8D461D

**Deuteranomaly**  
964307

**Tritanomaly**  
C2140F

# Monochromacy



**Original Color**  
C21313

**Achromatopsia**  
474747

**Achromatomaly**  
743434

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C21313 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 #C21313 looks like.

```
.text, #text, p{  
    color:#C21313  
}
```

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 #C21313 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C21313
}
```

## Border

The CSS property to change the border of an element to Hex C21313 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".

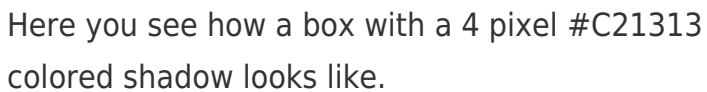
```
.border, #border, table{ border:4px solid
#C21313 }
```

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

```
.border{ border-color:#C21313 }
```

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

Here you see how a box with a 4 pixel #C21313 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C21313; -webkit-box-shadow:4px 4px  
4px 4px #C21313; box-shadow:4px 4px 4px  
4px #C21313 }
```

# Background

The CSS property to change the background color of an element to Hex C21313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C21313 }
```

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

```
.background{ background-color:#C21313 }
```

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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