

# Converting Colors

Hex(C11915)

Have a look what the booklet for  
Hex(C11915) contains.

<b>Hex(C11915)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(C11915)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C11915
RGB	193, 25, 21
RGB Percent	76%, 10%, 8%
CMY	0.2431, 0.9020, 0.9176
CMYK	0.00, 0.87, 0.89, 0.24
HSL	1°, 80%, 42%
HSV	1°, 89%, 76%
XYZ	22.4753, 12.0869, 1.8579
YIQ	74.7760, 101.4120, 34.3720

# Conversions

## Conversions Part 2

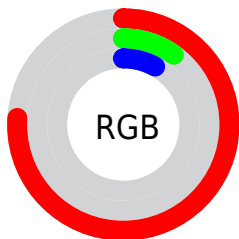
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 25, 21
Decimal	12654869
CIE Lab	41.35, 61.98, 47.40
CIE LCh	41, 78.022, 37.408
Yxy	12.0869, 0.6171, 0.3319
Android (android.graphics.Color)	4290844949 (0xFFC11915)
YUV	74.7760, -26.5116, 103.6824
Hunter-Lab	34.7662, 54.5542, 21.1679

# Details

The Hex color **C11915** 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 **15BDC1**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FF5B44**, and **820000** is the 20% darker color. If you saturate the color by 10%, you get **C10602**, and if you desaturate by 10%, it is **C12C28**.

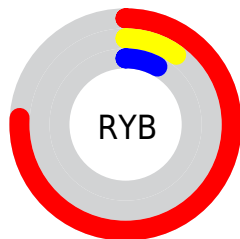
# Distribution



Red (76%)

Green (10%)

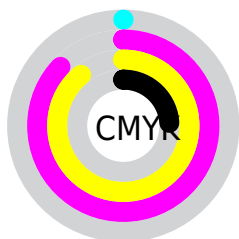
Blue (8%)



Red (76%)

Yellow (10%)

Blue (8%)

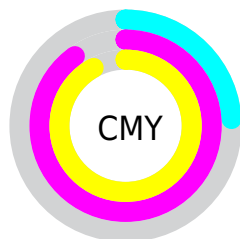


Cyan (0%)

Magenta (87%)

Yellow (89%)

Black (24%)



Cyan (24%)

Magenta (90%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C11915 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 C11915 by changing the saturation by 10% instead.



 C11915

 C11915

FFFFFFE

 A10000

 FF5B44

 820000

 FF775C

 620000

 FF9475

 460003

 FFB18F

 260001

 FFCEAA

 000000

 FFEBC5

 FFFFEE2

 C11915

 C11915

 C10602

 C12C28

 C10400

 C13F3C

 C1524F

 C16462

 C17776

 C18A89

 C19D9C

 C1B0AF

 C1C3C3

# Harmonies

## Analogous

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



CD0055



C11915



9D4B00

# Triad

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



C11915



00782C



0066E3

# Complementary

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



C11915



15BDC1

# 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.



0075DA



C11915



007B70

# Square

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



C11915



157200



007BAF



7046C9

# Rectangle

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



C11915



7C5D00



007BAF



006CE4



# Sweetspot

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



C11915



FAB8B6



C115BE



7D5655



FCFCFC



7D7D7D



# Same Dimension

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



C11915



FA0600



C16E15



615757



A10400



210100



# Inverse Universe

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



15BDC1



00F4FA



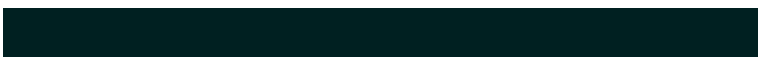
1568C1



576161



009DA1



002021



# Previews

## White Background



This preview shows how the Hex color C11915 looks on a white background.

## Color Contrast Check

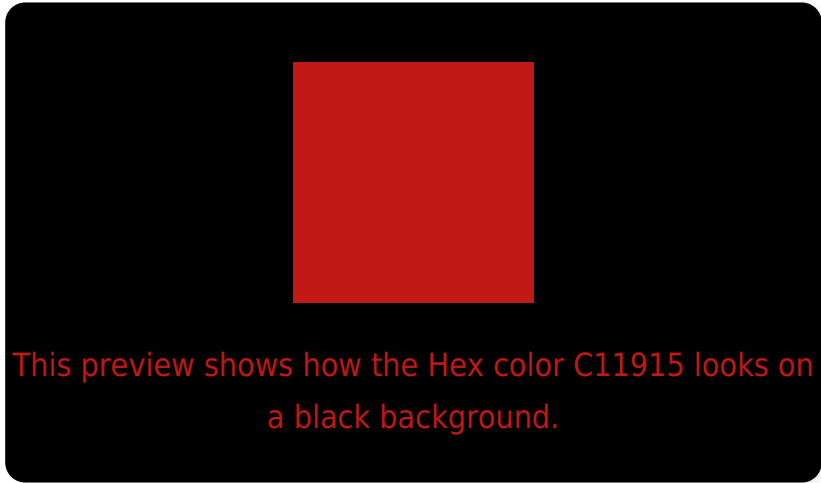
Large Text (above 18pt) WCAG AA ✓ Pass

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 C11915 Background



This preview shows how black text looks on a background with the Hex color C11915.



This preview shows how white text looks on a background with the Hex color C11915.

# 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**  
C11915

**Protanopia**  
6F6325

**Deuteranopia**  
7D5E00



**Tritanopia**  
C11915

# Trichromacy



**Original Color**  
C11915

**Protanomaly**  
8D481F

**Deuteranomaly**  
964508

**Tritanomaly**  
C11915

# Monochromacy



**Original Color**  
C11915

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
763937

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C11915 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 #C11915 looks like.

```
.text, #text, p{  
    color:#C11915  
}
```

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 #C11915 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C11915
}
```

## Border

The CSS property to change the border of an element to Hex C11915 is called "border". The border property can be set on classes, ids or directly on the HTML element.

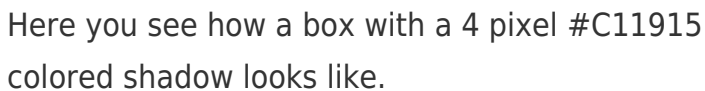
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C11915 }
```

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

```
.border{ border-color:#C11915 }
```

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



Here you see how a box with a 4 pixel `#C11915` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C11915; -webkit-box-shadow:4px 4px  
4px 4px #C11915; box-shadow:4px 4px 4px  
4px #C11915 }
```

# Background

The CSS property to change the background color of an element to Hex C11915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C11915 }
```

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

```
.background{ background-color:#C11915 }
```

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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