

# Converting Colors

Hex(C11D0D)

Have a look what the booklet for  
Hex(C11D0D) contains.

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# Color

**Hex(C11D0D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C11D0D
RGB	193, 29, 13
RGB Percent	76%, 11%, 5%
CMY	0.2431, 0.8863, 0.9490
CMYK	0.00, 0.85, 0.93, 0.24
HSL	5°, 87%, 40%
HSV	5°, 93%, 76%
XYZ	22.5043, 12.2452, 1.5582
YIQ	76.2120, 102.8800, 29.7920

# Conversions

## Conversions Part 2

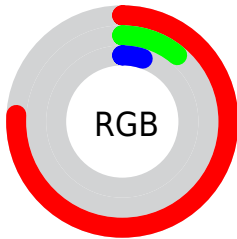
Format	Color
<a href="#">RYB</a>	<a href="#">193, 31, 13</a>
Decimal	<a href="#">12655885</a>
CIELab	<a href="#">41.60, 61.03, 50.76</a>
CIElCh	<a href="#">42, 79.382, 39.749</a>
Yxy	<a href="#">12.2452, 0.6198, 0.3373</a>
Android (android.graphics.Color)	<a href="#">4290845965 (0xFFC11D0D)</a>
YUV	<a href="#">76.2120, -31.1635, 102.4231</a>
Hunter-Lab	<a href="#">34.9932, 53.5563, 21.8551</a>

# Details

The Hex color **C11D0D** 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 **0DB1C1**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF5D3E**, and **810000** is the 20% darker color. If you saturate the color by 10%, you get **C11100**, and if you desaturate by 10%, it is **C12F20**.

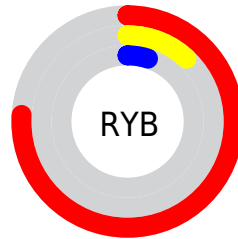
# Distribution



Red (76%)

Green (11%)

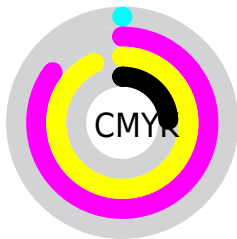
Blue (5%)



Red (76%)

Yellow (12%)

Blue (5%)

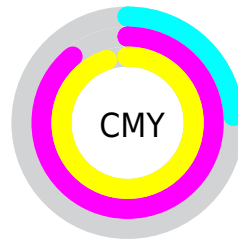


Cyan (0%)

Magenta (85%)

Yellow (93%)

Black (24%)



Cyan (24%)

Magenta (89%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C11D0D 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 C11D0D by changing the saturation by 10% instead.



 C11D0D

 C11D0D

 FFFFF8

 A10000

 FF5D3E

 810000

 FF7956

 620000

 FF966F

 460002

 FFB289

 260001

 FFCFA4

 000000

 FFEDBF

 FFFFDB

 C11D0D

 C11D0D

 C11100

 C12F20


 C14034

 C15247

 C1635A

 C1756E

 C18781

 C19894

 C1AAA7

 C1BBBB

# Harmonies

## Analogous

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



CF0050



C11D0D



9B4D00

# Triad

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



C11D0D



007A31



0065E6

# Complementary

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



C11D0D



0DB1C1

# 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.



0076DF



C11D0D



007C77

# Square

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



C11D0D



007400



007CB5



7943C8

# Rectangle

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



C11D0D



796000



007CB5



006CE7



# Sweetspot

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



C11D0D



FABAB4



C10DB2



7D5652



FCFCFC



7D7D7D



# Same Dimension

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



C11D0D



FA1600



C1760D



615857



A10E00



210300

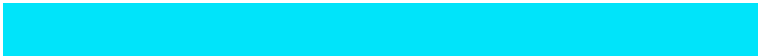


# Inverse Universe

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



0DB1C1



00E4FA



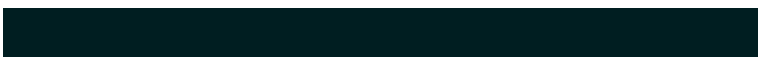
0D58C1



576061



0092A1



001E21



# Previews

## White Background



This preview shows how the Hex color C11D0D looks on a white background.

## Color Contrast Check

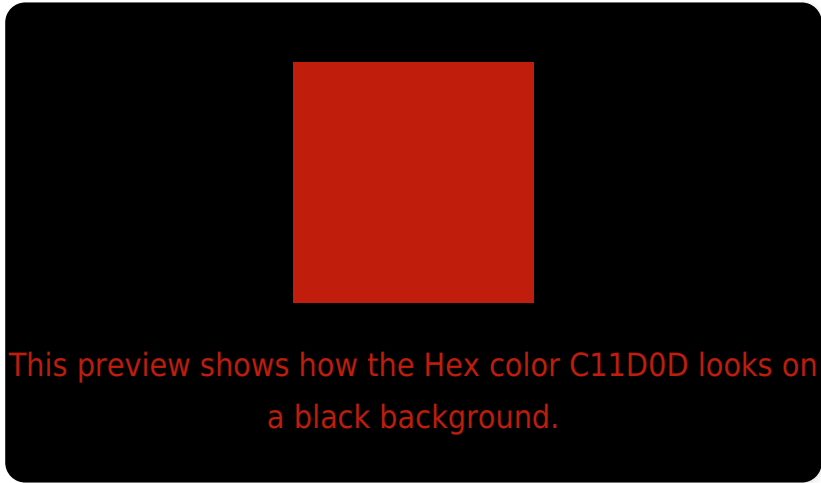
Large Text (above 18pt) WCAG AA ✓ Pass

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 C11D0D Background



This preview shows how black text looks on a background with the Hex color C11D0D.



This preview shows how white text looks on a background with the Hex color C11D0D.

# 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**  
C11D0D

**Protanopia**  
70641D

**Tritanopia**  
C11C19

# Trichromacy



**Original Color**  
C11D0D

**Protanomaly**  
8D4A17

**Tritanomaly**  
C11C15

# Monochromacy



**Original Color**  
C11D0D

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
773B35

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C11D0D 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 #C11D0D looks like.

```
.text, #text, p{  
    color:#C11D0D  
}
```

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 #C11D0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C11D0D
}
```

## Border

The CSS property to change the border of an element to Hex C11D0D is called "border". The border property can be set on classes, ids or directly on the HTML element.

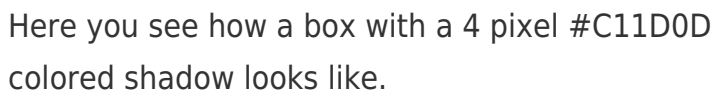
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C11D0D }
```

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

```
.border{ border-color:#C11D0D }
```

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



Here you see how a box with a 4 pixel `#C11D0D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C11D0D; -webkit-box-shadow:4px 4px  
4px 4px #C11D0D; box-shadow:4px 4px 4px  
4px #C11D0D }
```

# Background

The CSS property to change the background color of an element to Hex C11D0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C11D0D }
```

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

```
.background{ background-color:#C11D0D }
```

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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