

# Converting Colors

Hex(C71111)

Have a look what the booklet for  
Hex(C71111) contains.

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**Color**

**Hex(C71111)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C71111
RGB	199, 17, 17
RGB Percent	78%, 7%, 7%
CMY	0.2196, 0.9333, 0.9333
CMYK	0.00, 0.91, 0.91, 0.22
HSL	0°, 84%, 42%
HSV	0°, 91%, 78%
XYZ	23.8548, 12.5835, 1.7019
YIQ	71.4180, 108.4720, 38.5840

# Conversions

## Conversions Part 2

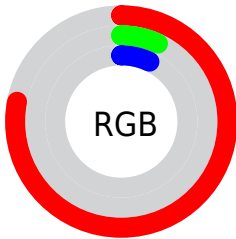
Format	Color
<a href="#">RYB</a>	<a href="#">199, 17, 17</a>
Decimal	<a href="#">13046033</a>
CIELab	<a href="#">42.13, 64.84, 50.22</a>
CIELCh	<a href="#">42, 82.008, 37.758</a>
Yxy	<a href="#">12.5835, 0.6255, 0.3299</a>
Android (android.graphics.Color)	<a href="#">4291236113</a> ( <a href="#">0xFFC71111</a> )
YUV	<a href="#">71.4180, -26.8281, 111.8894</a>
Hunter-Lab	<a href="#">35.4732, 57.9585, 21.9867</a>

# Details

The Hex color **C71111** 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 **11C7C7**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **FF5940**, and **870000** is the 20% darker color. If you saturate the color by 10%, you get **C70000**, and if you desaturate by 10%, it is **C72525**.

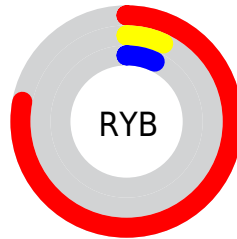
# Distribution



Red (78%)

Green (7%)

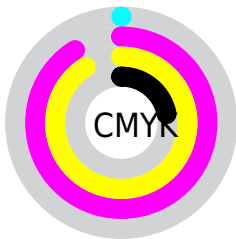
Blue (7%)



Red (78%)

Yellow (7%)

Blue (7%)

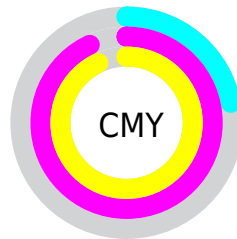


Cyan (0%)

Magenta (91%)

Yellow (91%)

Black (22%)



Cyan (22%)

Magenta (93%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C71111 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 C71111 by changing the saturation by 10% instead.



 C71111

 C71111

 FFFFFB

 A70000

 FF5940

 870000

 FF7659

 670000

 FF9372

 4A0002

 FFAF8C

 2B0001

 FFCDA7

 000000

 FFEAC2

 FFFFDE

 C71111

 C71111

 C70000

 C72525

 C73939

 C74D4D

 C76161

 C77575

 C78888

 C79C9C

 C7B0B0

 C7C4C4

# Harmonies

## Analogous

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



D40055



C71111



A14C00

# Triad

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



C71111



007B2B



0068EC

# Complementary

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



C71111



11C7C7

# 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.



0078E3



C71111



007E74

# Square

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



C71111



077500



007EB6



7346D0

# Rectangle

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



C71111



7E5F00



007EB6



006FED



# Sweetspot

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



C71111



FFBABA



C711C7



805757



000000



808080



# Same Dimension

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



C71111



FF0000



C76C11



635A5A



A30000



240000



# Inverse Universe

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



11C7C7



00FFFF



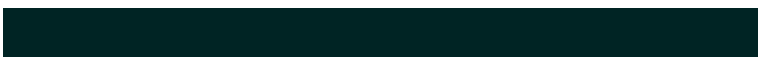
116CC7



5A6363



00A3A3



002424



# Previews

## White Background



This preview shows how the Hex color C71111 looks on a white background.

## Color Contrast Check

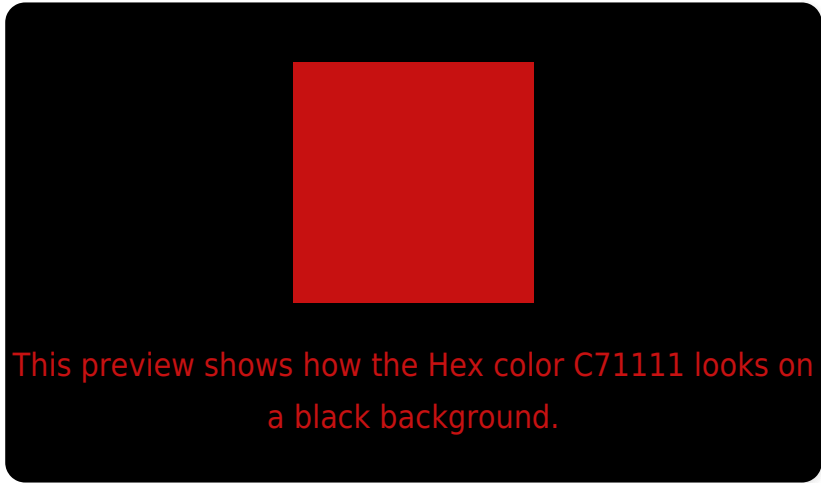
Large Text (above 18pt) WCAG AA ✓ Pass

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 C71111 Background



This preview shows how black text looks on a background with the Hex color C71111.



This preview shows how white text looks on a background with the Hex color C71111.

# 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**  
C71111

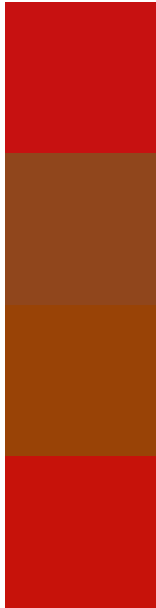
**Protanopia**  
716522

**Deuteranopia**  
7F6000



**Tritanopia**  
C71206

# Trichromacy



**Original Color**  
C71111

**Protanomaly**  
90461C

**Deuteranomaly**  
994306

**Tritanomaly**  
C7120A

# Monochromacy



**Original Color**  
C71111

**Achromatopsia**  
474747

**Achromatomaly**  
763333

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C71111 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 #C71111 looks like.

```
.text, #text, p{  
    color:#C71111  
}
```

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 #C71111 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C71111
}
```

## Border

The CSS property to change the border of an element to Hex C71111 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".

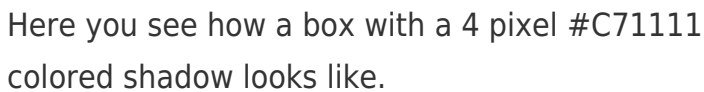
```
.border, #border, table{ border:4px solid
#C71111 }
```

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

```
.border{ border-color:#C71111 }
```

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

Here you see how a box with a 4 pixel #C71111 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C71111; -webkit-box-shadow:4px 4px  
4px 4px #C71111; box-shadow:4px 4px 4px  
4px #C71111 }
```

# Background

The CSS property to change the background color of an element to Hex C71111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C71111 }
```

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

```
.background{ background-color:#C71111 }
```

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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