

# Converting Colors

Hex(CB1411)

Have a look what the booklet for  
Hex(CB1411) contains.

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**Color**

**Hex(CB1411)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CB1411
RGB	203, 20, 17
RGB Percent	80%, 8%, 7%
CMY	0.2039, 0.9216, 0.9333
CMYK	0.00, 0.90, 0.92, 0.20
HSL	1°, 85%, 43%
HSV	1°, 92%, 80%
XYZ	24.9799, 13.2373, 1.7688
YIQ	74.3750, 110.0310, 37.8630

# Conversions

## Conversions Part 2

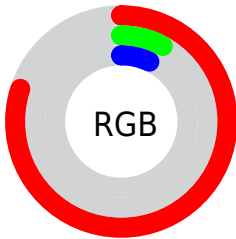
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 20, 17
Decimal	13308945
CIE <sub>Lab</sub>	43.12, 65.45, 51.28
CIE <sub>LCh</sub>	43, 83.146, 38.076
Yxy	13.2373, 0.6247, 0.3310
Android (android.graphics.Color)	4291499025 (0xFFCB1411)
YUV	74.3750, -28.2859, 112.8041
Hunter-Lab	36.3831, 58.8843, 22.5858

# Details

The Hex color **CB1411** 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 **11C8CB**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FF5B41**, and **8B0000** is the 20% darker color. If you saturate the color by 10%, you get **CB0300**, and if you desaturate by 10%, it is **CB2825**.

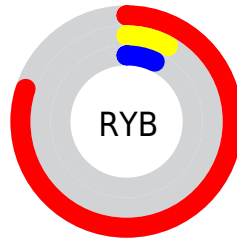
# Distribution



Red (80%)

Green (8%)

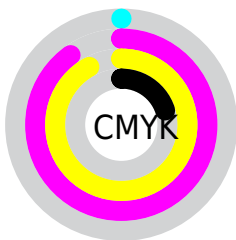
Blue (7%)



Red (80%)

Yellow (8%)

Blue (7%)

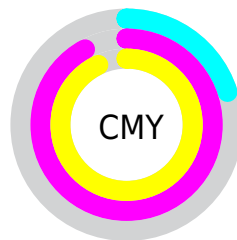


Cyan (0%)

Magenta (90%)

Yellow (92%)

Black (20%)



Cyan (20%)

Magenta (92%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB1411 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 CB1411 by changing the saturation by 10% instead.



 CB1411

 CB1411

FFFFFFC

 AB0000

 FF5B41

 8B0000

 FF7859

 6B0000

 FF9572

 4D0002

 FFB28C

 2F0002

 FFCFA7

 000000

 FFECC3

 FFFFDF

 CB1411

 CB1411

 CB0300

 CB2825

 CB3C3A

 CB504E

 CB6462

 CB7877

 CB8C8B

 CBA09F

 CBB4B3

 CBC8C8

# Harmonies

## Analogous

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



D90057



CB1411



A44E00

# Triad

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



CB1411



007E2D



006AF1

# Complementary

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



CB1411



11C8CB

# 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.



007BE8



CB1411



008177

# Square

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



CB1411



047800



0081BA



7747D4

# Rectangle

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



CB1411



816200



0081BA



0071F2



# Sweetspot

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



CB1411



FFBBBA



CB11CB



805757



000000



808080



# Same Dimension

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



CB1411



FF0400



CB6E11



665C5C



A60300



260100



# Inverse Universe

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



11C8CB



00FBFF



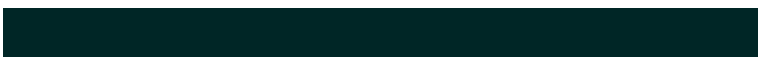
116ECB



5C6666



00A3A6



002626



# Previews

## White Background



This preview shows how the Hex color CB1411 looks on a white background.

## Color Contrast Check

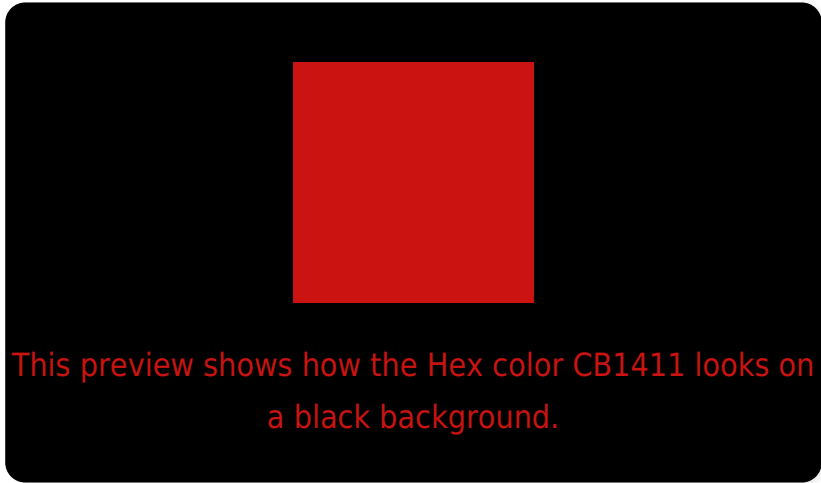
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB1411 Background



This preview shows how black text looks on a background with the Hex color CB1411.



This preview shows how white text looks on a background with the Hex color CB1411.

# 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



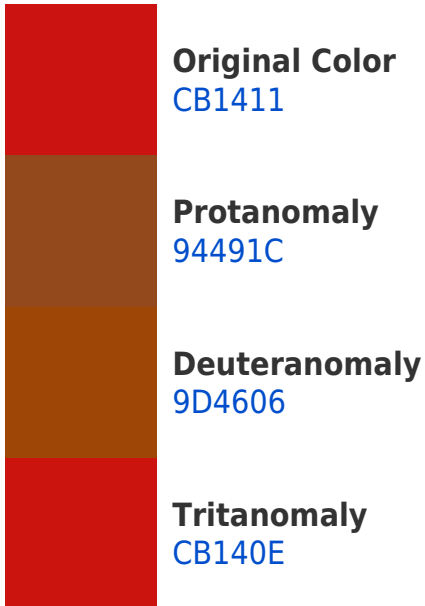
**Original Color**  
CB1411

**Protanopia**  
746822

**Deuteranopia**  
826200



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB1411 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 #CB1411 looks like.

```
.text, #text, p{  
    color:#CB1411  
}
```

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 #CB1411 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB1411
}
```

## Border

The CSS property to change the border of an element to Hex CB1411 is called "border". The border property can be set on classes, ids or directly on the HTML element.

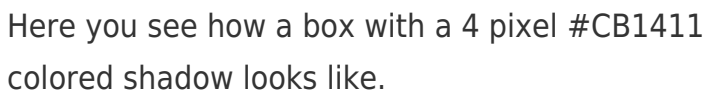
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB1411 }
```

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

```
.border{ border-color:#CB1411 }
```

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



Here you see how a box with a 4 pixel #CB1411 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB1411; -webkit-box-shadow:4px 4px  
4px 4px #CB1411; box-shadow:4px 4px 4px  
4px #CB1411 }
```

# Background

The CSS property to change the background color of an element to Hex CB1411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB1411 }
```

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

```
.background{ background-color:#CB1411 }
```

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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