

# Converting Colors

Hex(C60B0E)

Have a look what the booklet for  
Hex(C60B0E) contains.

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# Color

**Hex(C60B0E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C60B0E
RGB	198, 11, 14
RGB Percent	78%, 4%, 5%
CMY	0.2235, 0.9569, 0.9451
CMYK	0.00, 0.94, 0.93, 0.22
HSL	359°, 89%, 41%
HSV	359°, 94%, 78%
XYZ	23.4876, 12.2768, 1.5472
YIQ	67.2550, 110.4890, 40.5770

# Conversions

## Conversions Part 2

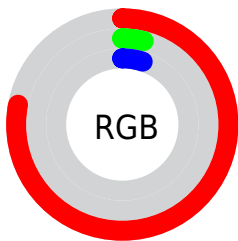
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 11, 14
Decimal	12978958
CIE Lab	41.65, 65.26, 50.96
CIE LCh	42, 82.800, 37.984
Yxy	12.2768, 0.6295, 0.3290
Android (android.graphics.Color)	4291169038 (0xFFC60B0E)
YUV	67.2550, -26.2547, 114.6634
Hunter-Lab	35.0383, 58.3391, 21.9087

# Details

The Hex color **C60B0E** 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 **0BC6C3**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **FF573E**, and **860000** is the 20% darker color. If you saturate the color by 10%, you get **C60003**, and if you desaturate by 10%, it is **C61F21**.

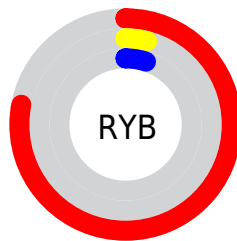
# Distribution



Red (78%)

Green (4%)

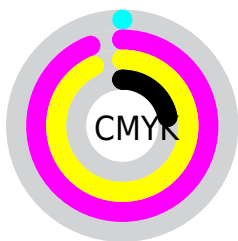
Blue (5%)



Red (78%)

Yellow (4%)

Blue (5%)

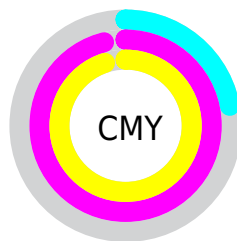


Cyan (0%)

Magenta (94%)

Yellow (93%)

Black (22%)



Cyan (22%)

Magenta (96%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C60B0E 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 C60B0E by changing the saturation by 10% instead.



 C60B0E

 C60B0E

 FFFFFFF8

 A60000

 FF573E

 860000

 FF7456

 660000

 FF916F

 490003

 FFAE89

 2A0001

 FFCBA4

 000000

 FFE8BF

 FFFFDB

 C60B0E

 C60B0E

 C60003

 C61F21

 C63335

 C64648

 C65A5C

 C66E6F

 C68283

 C69696

 C6A9AA

 C6BDBD

# Harmonies

## Analogous

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



D30054



C60B0E



A04A00

# Triad

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



C60B0E



007A2A



0067EC

# Complementary

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



C60B0E



0BC6C3

# 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.



0077E3



C60B0E



007D74

# Square

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



C60B0E



007400



007DB6



7344D0

# Rectangle

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



C60B0E



7C5F00



007DB6



006EED



# Sweetspot

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



C60B0E



FFB8B9



C30BC6



805455



000000



808080



# Same Dimension

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



C60B0E



FF0004



C6650B



635A5A



A30003



240001



# Inverse Universe

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



C60B0E



FF0004



0B6CC6



635A5A



A30003



240001



# Previews

## White Background



This preview shows how the Hex color C60B0E looks on a white background.

## Color Contrast Check

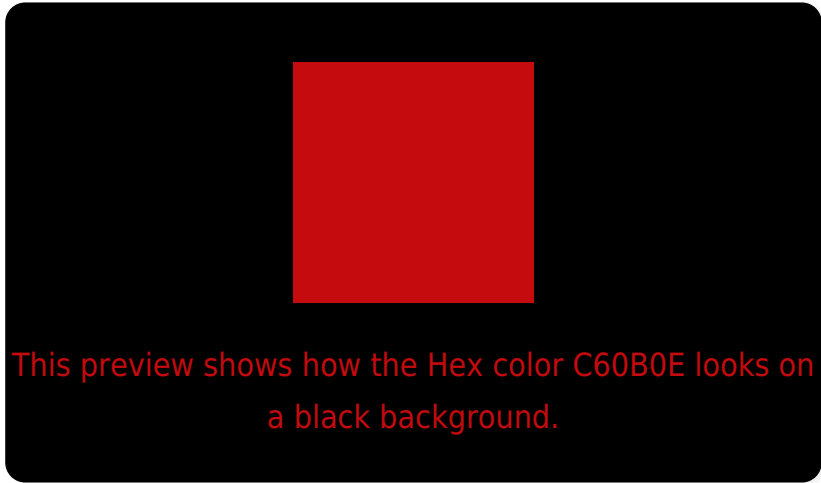
Large Text (above 18pt) WCAG AA ✓ Pass

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 C60B0E Background



This preview shows how black text looks on a background with the Hex color C60B0E.



This preview shows how white text looks on a background with the Hex color C60B0E.

# 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**  
C60B0E

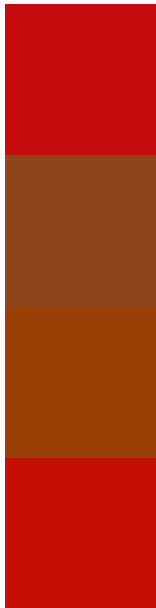
**Protanopia**  
706420

**Deuteranopia**  
7E5F00



**Tritanopia**  
C51200

# Trichromacy



**Original Color**  
C60B0E

**Protanomaly**  
8F4419

**Deuteranomaly**  
984005

**Tritanomaly**  
C50F05

# Monochromacy



**Original Color**  
C60B0E

**Achromatopsia**  
434343

**Achromatomaly**  
732F30

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C60B0E 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 #C60B0E looks like.

```
.text, #text, p{  
    color:#C60B0E  
}
```

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 #C60B0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C60B0E
}
```

## Border

The CSS property to change the border of an element to Hex C60B0E is called "border". The border property can be set on classes, ids or directly on the HTML element.

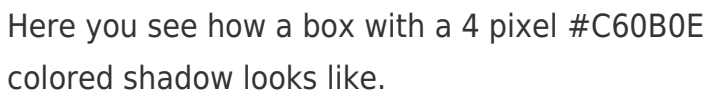
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C60B0E }
```

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

```
.border{ border-color:#C60B0E }
```

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



Here you see how a box with a 4 pixel `#C60B0E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C60B0E; -webkit-box-shadow:4px 4px  
4px 4px #C60B0E; box-shadow:4px 4px 4px  
4px #C60B0E }
```

# Background

The CSS property to change the background color of an element to Hex C60B0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C60B0E }
```

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

```
.background{ background-color:#C60B0E }
```

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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