

# Converting Colors

Hex(C13E0C)

Have a look what the booklet for  
Hex(C13E0C) contains.

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**Color**

**Hex(C13E0C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C13E0C
RGB	193, 62, 12
RGB Percent	76%, 24%, 5%
CMY	0.2431, 0.7569, 0.9529
CMYK	0.00, 0.68, 0.94, 0.24
HSL	17°, 88%, 40%
HSV	17°, 94%, 76%
XYZ	23.7813, 14.8092, 1.9529
YIQ	95.4690, 94.1260, 12.2220

# Conversions

## Conversions Part 2

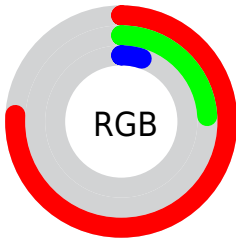
Format	Color
<a href="#">RYB</a>	<a href="#">193, 81, 12</a>
Decimal	<a href="#">12664332</a>
CIELab	<a href="#">45.37, 50.53, 53.46</a>
CIElCh	<a href="#">45, 73.564, 46.613</a>
Yxy	<a href="#">14.8092, 0.5866, 0.3653</a>
Android (android.graphics.Color)	<a href="#">4290854412</a> ( <a href="#">0xFFC13E0C</a> )
YUV	<a href="#">95.4690, -41.1502, 85.5347</a>
Hunter-Lab	<a href="#">38.4828, 42.9632, 23.9292</a>

# Details

The Hex color **C13E0C** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **0C8FC1**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF7440**, and **830000** is the 20% darker color. If you saturate the color by 10%, you get **C13500**, and if you desaturate by 10%, it is **C14C1F**.

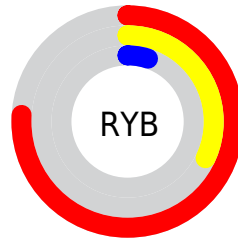
# Distribution



Red (76%)

Green (24%)

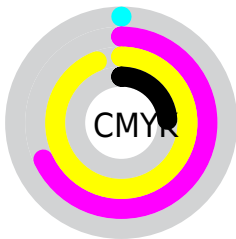
Blue (5%)



Red (76%)

Yellow (32%)

Blue (5%)

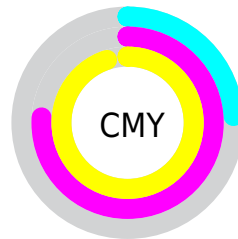


Cyan (0%)

Magenta (68%)

Yellow (94%)

Black (24%)



Cyan (24%)

Magenta (76%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C13E0C 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 C13E0C by changing the saturation by 10% instead.



 C13E0C

 C13E0C

FFFFFFD

 A22100

 FF7440

 830000

 FF8F59

 640000

 FFAB72

 470000

 FFC88D

 2B0001

 FFE4A8

 000000

 FFFFC3

 FFFFEO

 C13E0C

 C13E0C

■ C13500

■ C14C1F

■ C15A33

■ C16846

■ C17659

■ C1846D

■ C19280

■ C1A093

■ C1AEA6

■ C1BCBA

# Harmonies

## Analogous

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



D40D4D



C13E0C



995F00

# Triad

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



C13E0C



00834D



0068E3

# Complementary

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



C13E0C



0C8FC1

# 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.



007BE4



C13E0C



00858D

# Square

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



C13E0C



007E00



0083C5



9647C1

# Rectangle

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



C13E0C



776D00



0083C5



006FE7



# Sweetspot

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



C13E0C



FAC7B4



C10C91



7D5E52



FCFCFC



7D7D7D



# Same Dimension

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



C13E0C



FA4500



C1970C



615A57



A12C00



210900



# Inverse Universe

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



0C8FC1



00B5FA



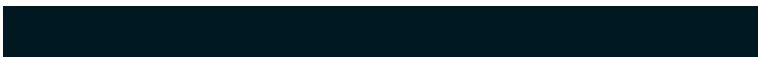
0C36C1



575E61



0074A1



001821



# Previews

## White Background



This preview shows how the Hex color C13E0C looks on a white background.

## Color Contrast Check

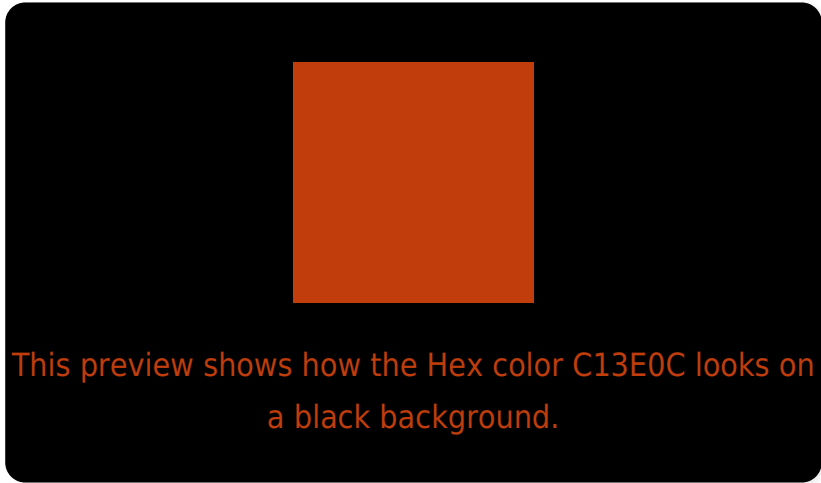
Large Text (above 18pt) WCAG AA ✓ Pass

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 C13E0C Background



This preview shows how black text looks on a background with the Hex color C13E0C.



This preview shows how white text looks on a background with the Hex color C13E0C.

# 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



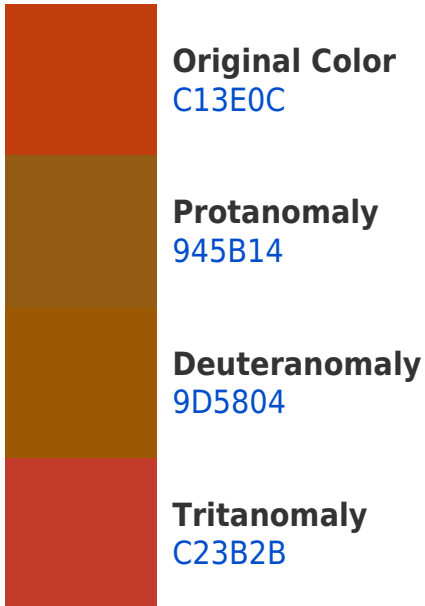
**Original Color**  
C13E0C

**Protanopia**  
7A6C19

**Deuteranopia**  
896700



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C13E0C 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 #C13E0C looks like.

```
.text, #text, p{  
    color:#C13E0C  
}
```

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 #C13E0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C13E0C }  
}
```

## Border

The CSS property to change the border of an element to Hex C13E0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

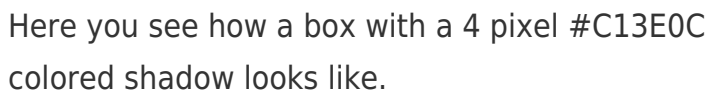
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #C13E0C }  
}
```

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

```
.border{ border-color:#C13E0C }
```

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



Here you see how a box with a 4 pixel `#C13E0C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C13E0C; -webkit-box-shadow:4px 4px  
4px 4px #C13E0C; box-shadow:4px 4px 4px  
4px #C13E0C }
```

# Background

The CSS property to change the background color of an element to Hex C13E0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C13E0C }
```

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

```
.background{ background-color:#C13E0C }
```

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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