

# Converting Colors

Hex(C1460B)

Have a look what the booklet for  
Hex(C1460B) contains.

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**Color**

**Hex(C1460B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1460B
RGB	193, 70, 11
RGB Percent	76%, 27%, 4%
CMY	0.2431, 0.7255, 0.9569
CMYK	0.00, 0.64, 0.94, 0.24
HSL	19°, 89%, 40%
HSV	19°, 94%, 76%
XYZ	24.2429, 15.7419, 2.0774
YIQ	100.0510, 92.2470, 7.7270

# Conversions

## Conversions Part 2

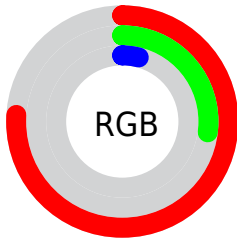
Format	Color
<a href="#">RYB</a>	<a href="#">193, 98, 11</a>
Decimal	<a href="#">12666379</a>
CIELab	<a href="#">46.63, 47.12, 54.55</a>
CIElCh	<a href="#">47, 72.080, 49.180</a>
Yxy	<a href="#">15.7419, 0.5764, 0.3743</a>
Android (android.graphics.Color)	<a href="#">4290856459 (0xFFC1460B)</a>
YUV	<a href="#">100.0510, -43.9021, 81.5163</a>
Hunter-Lab	<a href="#">39.6761, 39.6338, 24.6690</a>

# Details

The Hex color **C1460B** 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 **0B86C1**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF7B40**, and **830800** is the 20% darker color. If you saturate the color by 10%, you get **C13F00**, and if you desaturate by 10%, it is **C1531E**.

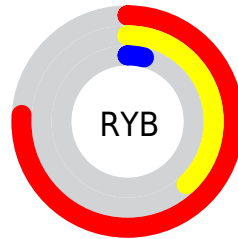
# Distribution



Red (76%)

Green (27%)

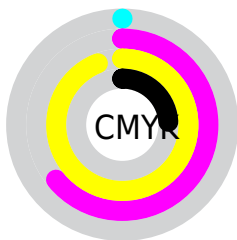
Blue (4%)



Red (76%)

Yellow (38%)

Blue (4%)

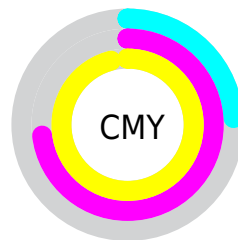


Cyan (0%)

Magenta (64%)

Yellow (94%)

Black (24%)



Cyan (24%)

Magenta (73%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1460B 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 C1460B by changing the saturation by 10% instead.



 C1460B

 C1460B

FFFFFFE

 A22B00

 FF7B40

 830800

 FF965A

 650000

 FFB273

 470000

 FFCE8E

 2D0001

 FFEBA9

 000000

 FFFF C4

 FFFF E1

 C1460B

 C1460B

■ C13F00

■ C1531E

■ C16032

■ C16D45

■ C17A58

■ C1876B

■ C1947F

■ C1A192

■ C1AEA5

■ C1BBB9

# Harmonies

## Analogous

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



D61F4B



C1460B



986400

# Triad

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



C1460B



008756



1C68E2

# Complementary

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



C1460B



0B86C1

# 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.



007DE7



C1460B



008895

# Square

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



C1460B



00820E



0086CA



9F48BF

# Rectangle

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



C1460B



767200



0086CA



0070E8



# Sweetspot

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



C1460B



FACBB4



C10B87



7D6052



FCFCFC



7D7D7D



# Same Dimension

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



C1460B



FA5100



C1A00B



615A57



A13400



210B00



# Inverse Universe

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



0B86C1



00A9FA



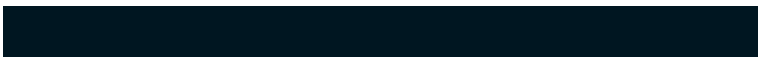
0B2CC1



575E61



006DA1



001621



# Previews

## White Background



This preview shows how the Hex color C1460B looks on a white background.

## Color Contrast Check

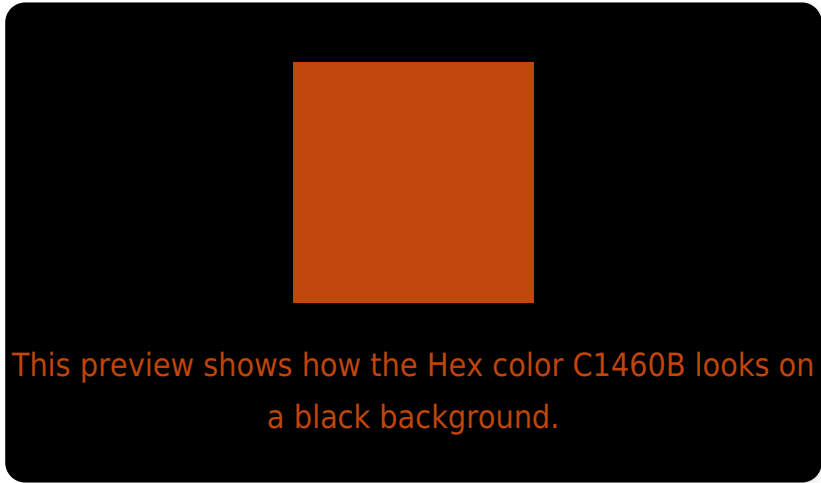
Large Text (above 18pt) WCAG AA ✓ Pass

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 C1460B Background



This preview shows how black text looks on a background with the Hex color C1460B.



This preview shows how white text looks on a background with the Hex color C1460B.

# 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**  
C1460B

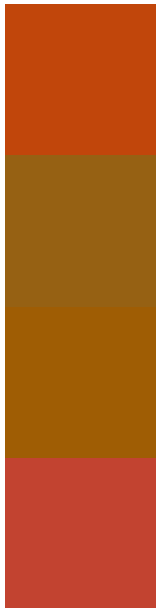
**Protanopia**  
7D7017

**Deuteranopia**  
8C6A00



**Tritanopia**  
C24145

# Trichromacy



**Original Color**  
C1460B

**Protanomaly**  
966113

**Deuteranomaly**  
9F5D04

**Tritanomaly**  
C24330

# Monochromacy



**Original Color**  
C1460B

**Achromatopsia**  
646464

**Achromatomaly**  
865944

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1460B 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 #C1460B looks like.

```
.text, #text, p{  
    color:#C1460B  
}
```

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 #C1460B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1460B
}
```

## Border

The CSS property to change the border of an element to Hex C1460B is called "border". The border property can be set on classes, ids or directly on the HTML element.

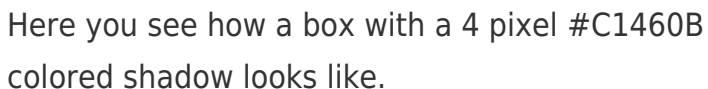
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C1460B }
```

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

```
.border{ border-color:#C1460B }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a thick orange line that is 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #C1460B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1460B; -webkit-box-shadow:4px 4px  
4px 4px #C1460B; box-shadow:4px 4px 4px  
4px #C1460B }
```

# Background

The CSS property to change the background color of an element to Hex C1460B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1460B }
```

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

```
.background{ background-color:#C1460B }
```

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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