

# Converting Colors

Hex(C14800)

Have a look what the booklet for  
Hex(C14800) contains.

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**Color**

**Hex(C14800)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C14800
RGB	193, 72, 0
RGB Percent	76%, 28%, 0%
CMY	0.2431, 0.7176, 1.0000
CMYK	0.00, 0.63, 1.00, 0.24
HSL	22°, 100%, 38%
HSV	22°, 100%, 76%
XYZ	24.3097, 15.9722, 1.8017
YIQ	99.9710, 95.2280, 3.2600

# Conversions

## Conversions Part 2

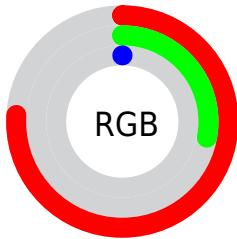
<b>Format</b>	<b>Color</b>
<b>RYB</b>	193, 115, 0
Decimal	12666880
CIELab	46.94, 46.10, 57.55
CIElCh	47, 73.736, 51.304
Yxy	15.9722, 0.5777, 0.3795
Android (android.graphics.Color)	4290856960 (0xFFC14800)
YUV	99.9710, -49.2857, 81.5864
Hunter-Lab	39.9652, 38.6372, 25.3028

# Details

The Hex color **C14800** 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 **0079C1**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF7D3B**, and **830D00** is the 20% darker color. If you saturate the color by 10%, you get **C14800**, and if you desaturate by 10%, it is **C15413**.

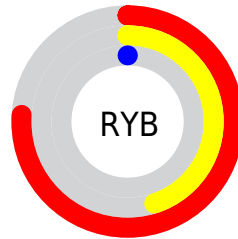
# Distribution



Red (76%)

Green (28%)

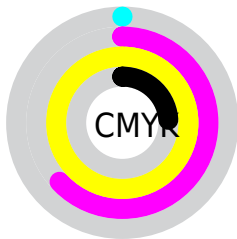
Blue (0%)



Red (76%)

Yellow (45%)

Blue (0%)

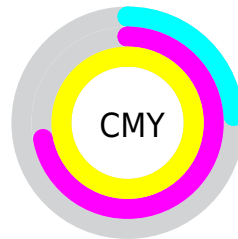


Cyan (0%)

Magenta (63%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (72%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C14800 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 C14800 by changing the saturation by 10% instead.



 C14800

 C14800

 FFFFFFF8

 A22D00

 FF7D3B

 830D00

 FF9854

 640000

 FFB46E

 470000

 FFD088

 2D0001

 FFEDA3

 000000

 FFFFBF

 FFFFDB

 C14800

 C15413

 C16027

 C16C3A

 C1784D

 C18461

 C19174

 C19D87

 C1A99A

 C1B5AE

# Harmonies

## Analogous

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



D81E47



C14800



966600

# Triad

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



C14800



00885B



3067E4

# Complementary

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



C14800



0079C1

# 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.



007DEB



C14800



008A9B

# Square

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



C14800



008413



0087D0



A644BE

# Rectangle

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



C14800



727400



0087D0



0070EB



# Sweetspot

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



C14800



FACBAF



C1007A



7D6150



FCFCFC



7D7D7D



# Same Dimension

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



C14800



FA5D00



C1A700



615B57



A13C00



210C00



# Inverse Universe

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



0079C1



009DFA



001AC1



575D61



0065A1



001521



# Previews

## White Background



This preview shows how the Hex color C14800 looks on a white background.

## Color Contrast Check

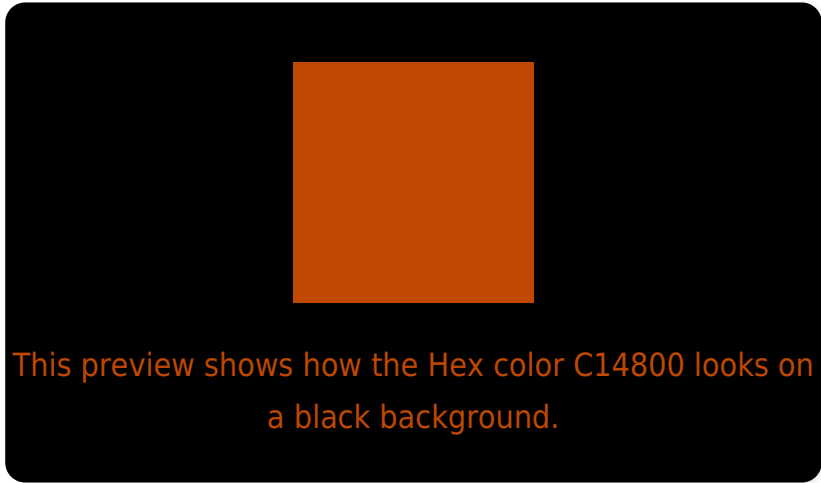
Large Text (above 18pt) WCAG AA ✓ Pass

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 C14800 Background



This preview shows how black text looks on a background with the Hex color C14800.



This preview shows how white text looks on a background with the Hex color C14800.

# 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**  
C14800

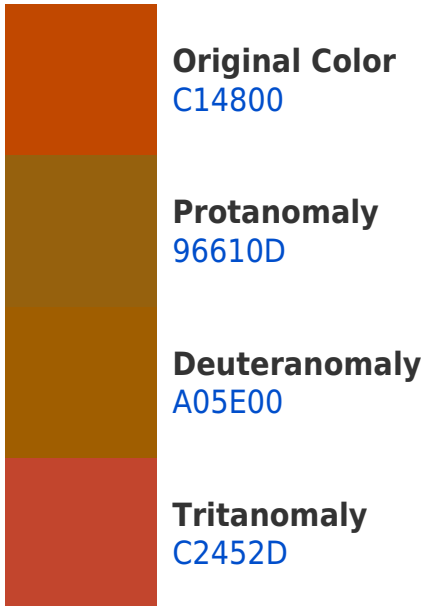
**Protanopia**  
7E7014

**Deuteranopia**  
8D6A00

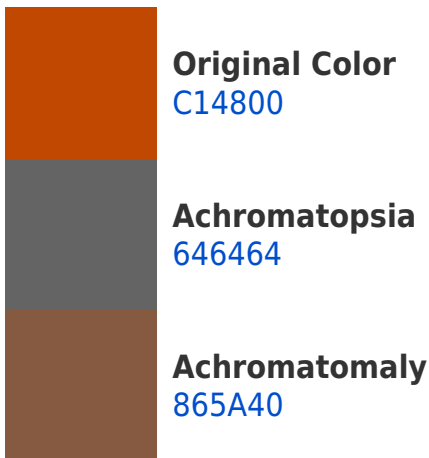


**Tritanopia**  
C34347

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C14800 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 #C14800 looks like.

```
.text, #text, p{  
    color:#C14800  
}
```

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 #C14800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C14800
}
```

## Border

The CSS property to change the border of an element to Hex C14800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

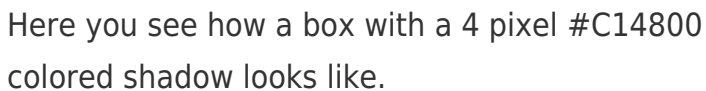
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C14800 }
```

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

```
.border{ border-color:#C14800 }
```

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



Here you see how a box with a 4 pixel #C14800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C14800; -webkit-box-shadow:4px 4px  
4px 4px #C14800; box-shadow:4px 4px 4px  
4px #C14800 }
```

# Background

The CSS property to change the background color of an element to Hex C14800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C14800 }
```

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

```
.background{ background-color:#C14800 }
```

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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