

# Converting Colors

Hex(C64C14)

Have a look what the booklet for  
Hex(C64C14) contains.

<b>Hex(C64C14)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(C64C14)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C64C14
RGB	198, 76, 20
RGB Percent	78%, 30%, 8%
CMY	0.2235, 0.7020, 0.9216
CMYK	0.00, 0.62, 0.90, 0.22
HSL	19°, 82%, 43%
HSV	19°, 90%, 78%
XYZ	25.9994, 17.2252, 2.6163
YIQ	106.0940, 90.6880, 8.4480

# Conversions

## Conversions Part 2

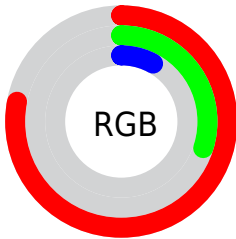
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 102, 20
Decimal	12995604
CIELab	48.54, 46.37, 53.57
CIELCh	49, 70.851, 49.118
Yxy	17.2252, 0.5672, 0.3758
Android (android.graphics.Color)	4291185684 (0xFFC64C14)
YUV	106.0940, -42.4443, 80.6016
Hunter-Lab	41.5032, 39.1896, 25.3147

# Details

The Hex color **C64C14** 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 **148EC6**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF8147**, and **881300** is the 20% darker color. If you saturate the color by 10%, you get **C63E00**, and if you desaturate by 10%, it is **C65A28**.

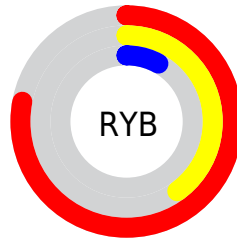
# Distribution



Red (78%)

Green (30%)

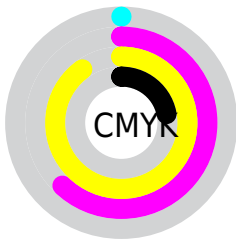
Blue (8%)



Red (78%)

Yellow (40%)

Blue (8%)

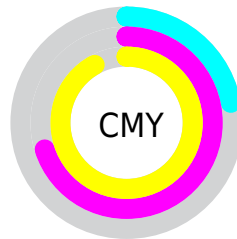


Cyan (0%)

Magenta (62%)

Yellow (90%)

Black (22%)



Cyan (22%)

Magenta (70%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C64C14 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 C64C14 by changing the saturation by 10% instead.



 C64C14

 C64C14

FFFFFF

 A73100

 FF8147

 881300

 FF9C60

 6A0000

 FFB87A

 4C0000

 FFD595

 320002

 FFF2B0

 000000

 FFFFCC

 FFFFFE8

 C64C14

 C64C14

 C63E00

 C65A28

 C6673C

 C6754F

 C68263

 C69077

 C69D8B

 C6AB9F

 C6B9B2

 C6C6C6

# Harmonies

## Analogous

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



DA2B50



C64C14



9E6900

# Triad

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



C64C14



008C5B



2D6DE6

# Complementary

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



C64C14



148EC6

# 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.



0081EA



C64C14



008D99

# Square

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



C64C14



008718



008BCE



A44EC3

# Rectangle

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



C64C14



7B7700



008BCE



0075EB



# Sweetspot

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



C64C14



FFD0BA



C61491



806457



000000



808080



# Same Dimension

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



C64C14



FF5000



C6A214



635D5A



A33300



240B00



# Inverse Universe

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



148EC6



00AFFF



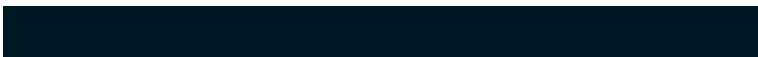
1438C6



5A6063



0070A3



001824



# Previews

## White Background



This preview shows how the Hex color C64C14 looks on a white background.

## Color Contrast Check

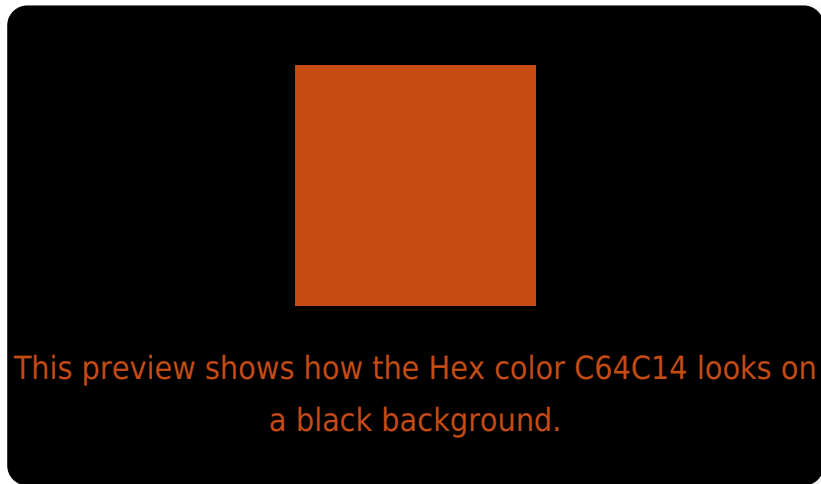
Large Text (above 18pt) WCAG AA ✓ Pass

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 C64C14 Background



This preview shows how black text looks on a background with the Hex color C64C14.



This preview shows how white text looks on a background with the Hex color C64C14.

# 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**  
C64C14

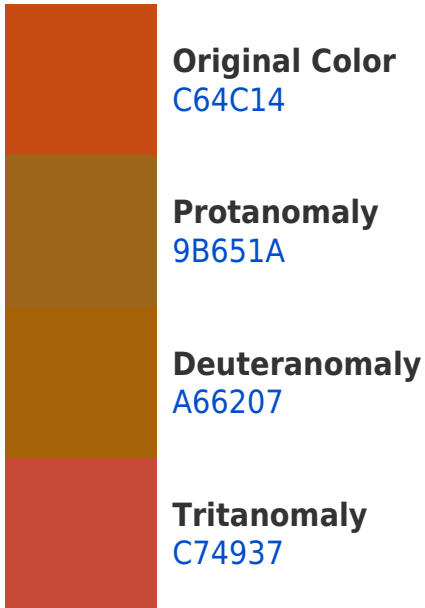
**Protanopia**  
82741E

**Deuteranopia**  
936E00



**Tritanopia**  
C8474B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C64C14 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 #C64C14 looks like.

```
.text, #text, p{  
    color:#C64C14  
}
```

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 #C64C14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C64C14
}
```

## Border

The CSS property to change the border of an element to Hex C64C14 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
#C64C14 }
```

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

```
.border{ border-color:#C64C14 }
```

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

Here you see how a box with a 4 pixel #C64C14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C64C14; -webkit-box-shadow:4px 4px  
4px 4px #C64C14; box-shadow:4px 4px 4px  
4px #C64C14 }
```

# Background

The CSS property to change the background color of an element to Hex C64C14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C64C14 }
```

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

```
.background{ background-color:#C64C14 }
```

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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