

# Converting Colors

Hex(C05D14)

Have a look what the booklet for  
Hex(C05D14) contains.

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**Color**

**Hex(C05D14)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C05D14
RGB	192, 93, 20
RGB Percent	75%, 36%, 8%
CMY	0.2471, 0.6353, 0.9216
CMYK	0.00, 0.52, 0.90, 0.25
HSL	25°, 81%, 42%
HSV	25°, 90%, 75%
XYZ	25.7788, 19.0857, 2.9870
YIQ	114.2790, 82.4370, -1.7150

# Conversions

## Conversions Part 2

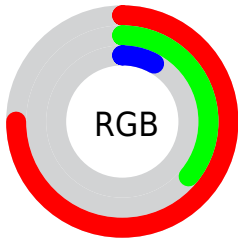
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">192, 147, 20</a>
Decimal	<a href="#">12606740</a>
<a href="#">CIELab</a>	<a href="#">50.79, 35.78, 54.83</a>
<a href="#">CIElCh</a>	<a href="#">51, 65.470, 56.877</a>
<a href="#">Yxy</a>	<a href="#">19.0857, 0.5387, 0.3989</a>
Android (android.graphics.Color)	<a href="#">4290796820</a> ( <a href="#">0xFFC05D14</a> )
<a href="#">YUV</a>	<a href="#">114.2790, -46.4795, 68.1613</a>
<a href="#">Hunter-Lab</a>	<a href="#">43.6872, 28.8765, 26.5272</a>

# Details

The Hex color **C05D14** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **1477C0**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FE9149**, and **842B00** is the 20% darker color. If you saturate the color by 10%, you get **C05201**, and if you desaturate by 10%, it is **C06827**.

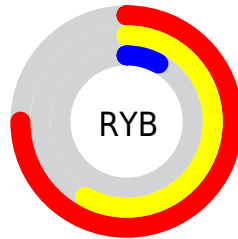
# Distribution



Red (75%)

Green (36%)

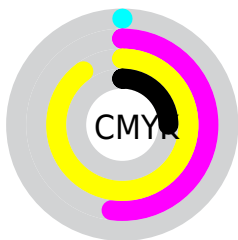
Blue (8%)



Red (75%)

Yellow (58%)

Blue (8%)

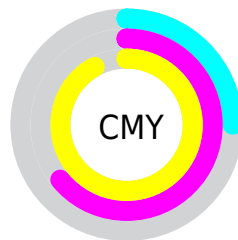


Cyan (0%)

Magenta (52%)

Yellow (90%)

Black (25%)



Cyan (25%)

Magenta (64%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C05D14 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 C05D14 by changing the saturation by 10% instead.



 C05D14

 C05D14

FFFFFF

 A14400

 FE9149

 842B00

 FFAC62

 661100

 FFC87D

 490000

 FFE497

 300001

 FFFFB3

 000000

 FFFFCF

 FFFFEB

 C05D14

 C05D14

 C05201

 C06827

 C05100

 C0733A

 C07E4E

 C08961

 C09474

 C09F87

 C0AA9A

 C0B5AE

 C0C0C1

# Harmonies

## Analogous

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



D8434A



C05D14



977500

# Triad

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



C05D14



009171



696DDD

# Complementary

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



C05D14



1477C0

# 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.



0082E9



C05D14



0092AA

# Square

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



C05D14



008D37



008DD6



B650B7

# Rectangle

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



C05D14



748000



008DD6



3675E5



# Sweetspot

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



C05D14



FAD3B6



C01478



7D6655



FCFCFC



7D7D7D



# Same Dimension

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



C05D14



FA6A00



C0B214



615B57



A14400



210E00



# Inverse Universe

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



1477C0



0090FA



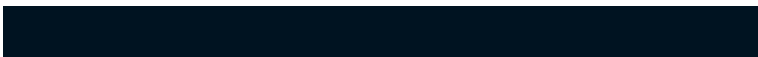
1422C0



575D61



005CA1



001321



# Previews

## White Background



This preview shows how the Hex color C05D14 looks on a white background.

## Color Contrast Check

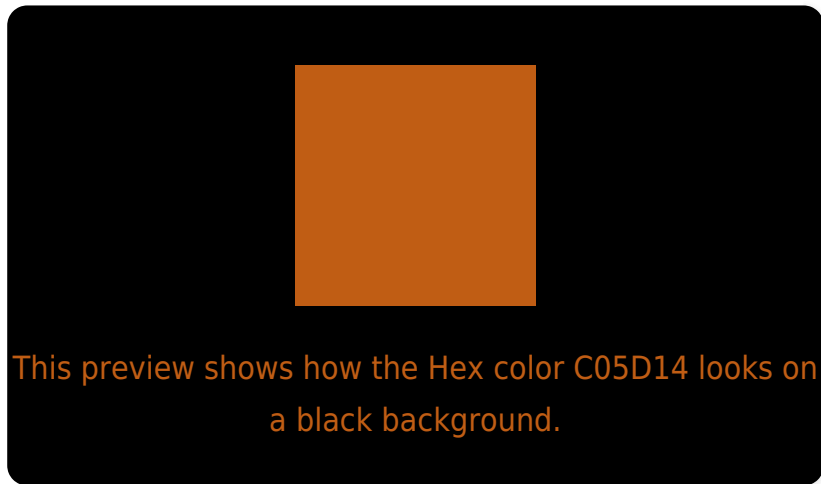
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C05D14 Background



This preview shows how black text looks on a background with the Hex color C05D14.



This preview shows how white text looks on a background with the Hex color C05D14.

# 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



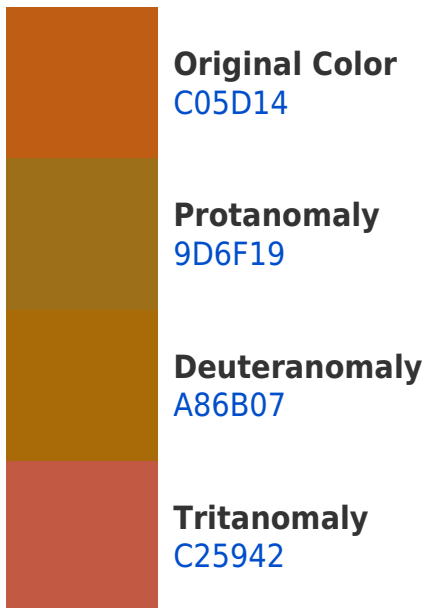
**Original Color**  
C05D14

**Protanopia**  
897A1C

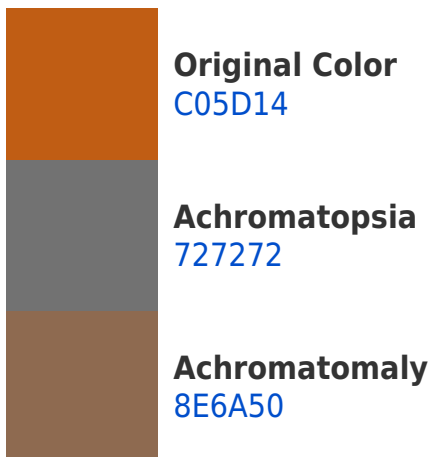
**Deuteranopia**  
9A7300



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C05D14 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 #C05D14 looks like.

```
.text, #text, p{  
    color:#C05D14  
}
```

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 #C05D14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C05D14
}
```

## Border

The CSS property to change the border of an element to Hex C05D14 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
#C05D14 }
```

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

```
.border{ border-color:#C05D14 }
```

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

Here you see how a box with a 4 pixel #C05D14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C05D14; -webkit-box-shadow:4px 4px  
4px 4px #C05D14; box-shadow:4px 4px 4px  
4px #C05D14 }
```

# Background

The CSS property to change the background color of an element to Hex C05D14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C05D14 }
```

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

```
.background{ background-color:#C05D14 }
```

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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