

# Converting Colors

Hex(E05B14)

Have a look what the booklet for  
Hex(E05B14) contains.

<b>Hex(E05B14)</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(E05B14)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E05B14
RGB	224, 91, 20
RGB Percent	88%, 36%, 8%
CMY	0.1216, 0.6431, 0.9216
CMYK	0.00, 0.59, 0.91, 0.12
HSL	21°, 84%, 48%
HSV	21°, 91%, 88%
XYZ	34.6078, 23.3800, 3.3506
YIQ	122.6730, 102.0590, 6.1150

# Conversions

## Conversions Part 2

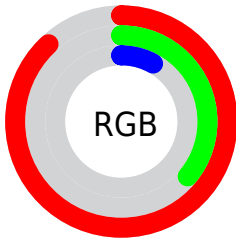
Format	Color
<a href="#">RYB</a>	<a href="#">224, 129, 20</a>
Decimal	<a href="#">14703380</a>
<a href="#">CIELab</a>	<a href="#">55.46, 49.01, 60.54</a>
<a href="#">CIElCh</a>	<a href="#">55, 77.891, 51.004</a>
<a href="#">Yxy</a>	<a href="#">23.3800, 0.5642, 0.3812</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4292893460 (0xFFE05B14)</a>
<a href="#">YUV</a>	<a href="#">122.6730, -50.6178, 88.8638</a>
<a href="#">Hunter-Lab</a>	<a href="#">48.3528, 43.1412, 29.7385</a>

# Details

The Hex color **E05B14** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **1499E0**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF914A**, and **A12400** is the 20% darker color. If you saturate the color by 10%, you get **E04E00**, and if you desaturate by 10%, it is **E06A2A**.

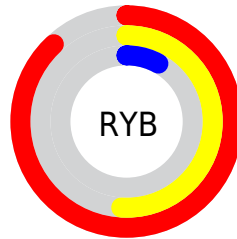
# Distribution



Red (88%)

Green (36%)

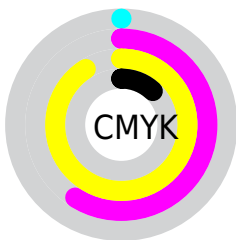
Blue (8%)



Red (88%)

Yellow (51%)

Blue (8%)

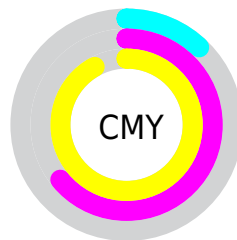


Cyan (0%)

Magenta (59%)

Yellow (91%)

Black (12%)



Cyan (12%)

Magenta (64%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E05B14 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 E05B14 by changing the saturation by 10% instead.



 E05B14

 E05B14

FFFFFF

 C04000

 FF914A

 A12400

 FFAD64

 810000

 FFC97E

 630000

 FFE699

 460000

 FFFFB5

 2A0001

 FFFFD1

 000000

 FFFFEE

 E05B14

 E05B14

 E04E00

 E06A2A

 E07841

 E08757

 E0956E

 E0A484

 E0B39A

 E0C1B1

 E0D0C7

 E0DEDE

# Harmonies

## Analogous

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



F83659



E05B14



B27B00

# Triad

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



E05B14



00A16E



487CFF

# Complementary

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



E05B14



1499E0

# 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.



0093FF



E05B14



00A2B4

# Square

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



E05B14



009B24



009FEE



C058DB

# Rectangle

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



E05B14



8A8A00



009FEE



0085FF



# Sweetspot

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



E05B14



FFD2BA



E0149C



806557



000000



808080



# Same Dimension

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



E05B14



FF5900



E0BE14



706965



B03D00



301100



# Inverse Universe

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



1499E0



00A6FF



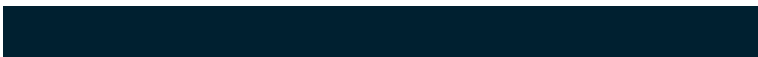
1436E0



656C70



0073B0



002030



# Previews

## White Background



This preview shows how the Hex color E05B14 looks on a white background.

## Color Contrast Check

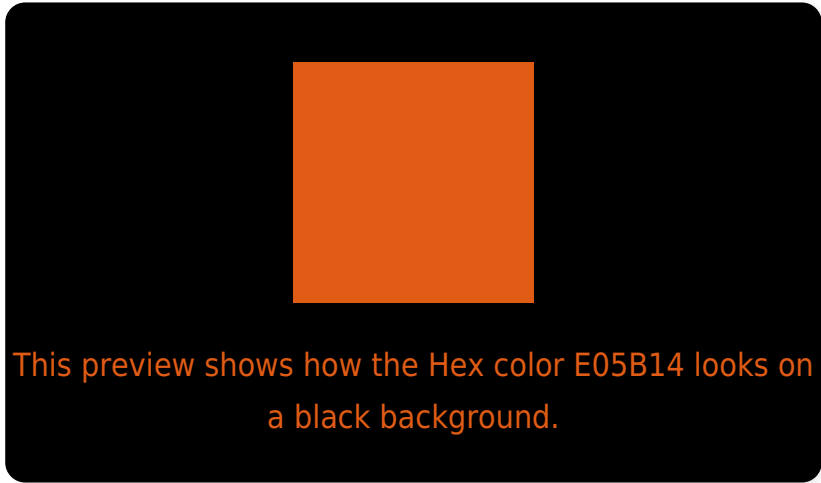
Large Text (above 18pt) WCAG AA ✓ Pass

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 E05B14 Background



This preview shows how black text looks on a background with the Hex color E05B14.



This preview shows how white text looks on a background with the Hex color E05B14.

# 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**  
E05B14

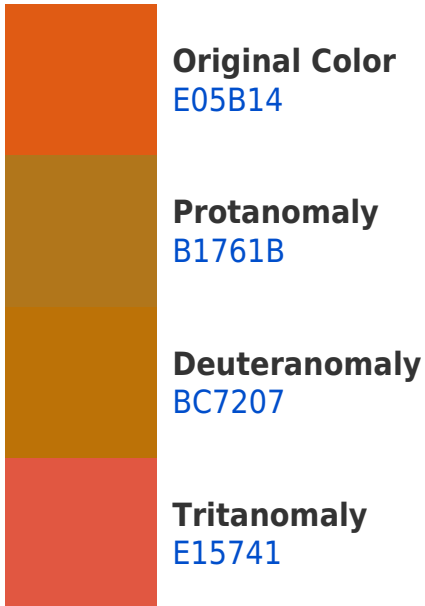
**Protanopia**  
96861F

**Deuteranopia**  
A87F00



**Tritanopia**  
E2555A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E05B14 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 #E05B14 looks like.

```
.text, #text, p{  
  color:#E05B14  
}
```

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 #E05B14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E05B14
}
```

## Border

The CSS property to change the border of an element to Hex E05B14 is called "border". The border property can be set on classes, ids or directly on the HTML element.

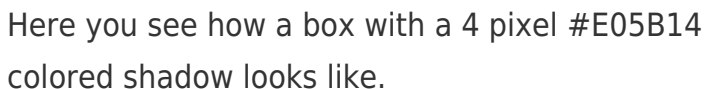
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E05B14 }
```

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

```
.border{ border-color:#E05B14 }
```

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



Here you see how a box with a 4 pixel #E05B14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E05B14; -webkit-box-shadow:4px 4px  
4px 4px #E05B14; box-shadow:4px 4px 4px  
4px #E05B14 }
```

# Background

The CSS property to change the background color of an element to Hex E05B14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E05B14 }
```

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

```
.background{ background-color:#E05B14 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor