

# Converting Colors

Hex(E75D0B)

Have a look what the booklet for  
Hex(E75D0B) contains.

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# Color

Hex(E75D0B)

# Conversions

## Conversions Part 1

Format	Color
Hex	E75D0B
RGB	231, 93, 11
RGB Percent	91%, 36%, 4%
CMY	0.0941, 0.6353, 0.9569
CMYK	0.00, 0.60, 0.95, 0.09
HSL	22°, 91%, 47%
HSV	22°, 95%, 91%
XYZ	36.9298, 24.8418, 3.1651
YIQ	124.9140, 108.5700, 3.7540

# Conversions

## Conversions Part 2

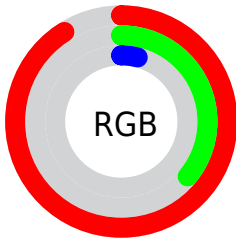
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 142, 11
Decimal	15162635
CIE Lab	56.92, 50.54, 64.23
CIE LCh	57, 81.729, 51.804
Yxy	24.8418, 0.5687, 0.3826
Android (android.graphics.Color)	4293352715 (0xFFE75D0B)
YUV	124.9140, -56.1596, 93.0374
Hunter-Lab	49.8415, 45.0357, 31.1239

# Details

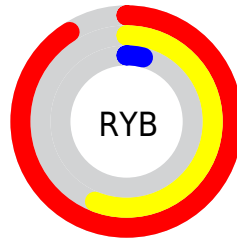
The Hex color **E75D0B** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **0B95E7**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF9346**, and **A72500** is the 20% darker color. If you saturate the color by 10%, you get **E75600**, and if you desaturate by 10%, it is **E76B22**.

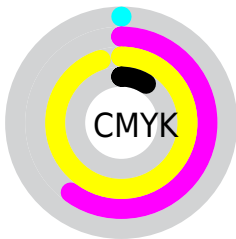
# Distribution



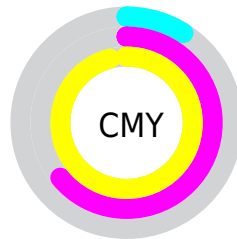
- Red (91%)
- Green (36%)
- Blue (4%)



- Red (91%)
- Yellow (56%)
- Blue (4%)



- Cyan (0%)
- Magenta (60%)
- Yellow (95%)
- Black (9%)



- Cyan (9%)
- Magenta (64%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E75D0B 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 E75D0B by changing the saturation by 10% instead.



 E75D0B

 E75D0B

FFFFFF

 C74200

 FF9346

 A72500

 FFAF60

 870000

 FFCB7B

 690000

 FFE896

 4B0000

 FFFFB1

 300002

 FFFFCD

 000000

 FFFFEA

 E75D0B

 E75D0B

 E75600

 E76B22

 E77A39

 E78850

 E79767

 E7A57F

 E7B496

 E7C2AD

 E7D1C4

 E7DFDB

# Harmonies

## Analogous

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



FF3359



E75D0B



B67F00

# Triad

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



E75D0B



00A672



4B7FFF

# Complementary

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



E75D0B



0B95E7

# 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.



0097FF



E75D0B



00A7BC

# Square

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



E75D0B



00A023



00A4F9



C958E2

# Rectangle

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



E75D0B



8C8E00



00A4F9



0088FF



# Sweetspot

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



E75D0B



FFD1B5



E70B96



806453



000000



808080



# Same Dimension

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



E75D0B



FF5F00



E7CA0B



736C67



B34300



331300

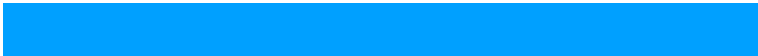


# Inverse Universe

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



0B95E7



00A0FF



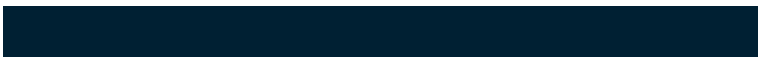
0B28E7



676E73



0070B3



002033



# Previews

## White Background



This preview shows how the Hex color E75D0B looks on a white background.

## Color Contrast Check

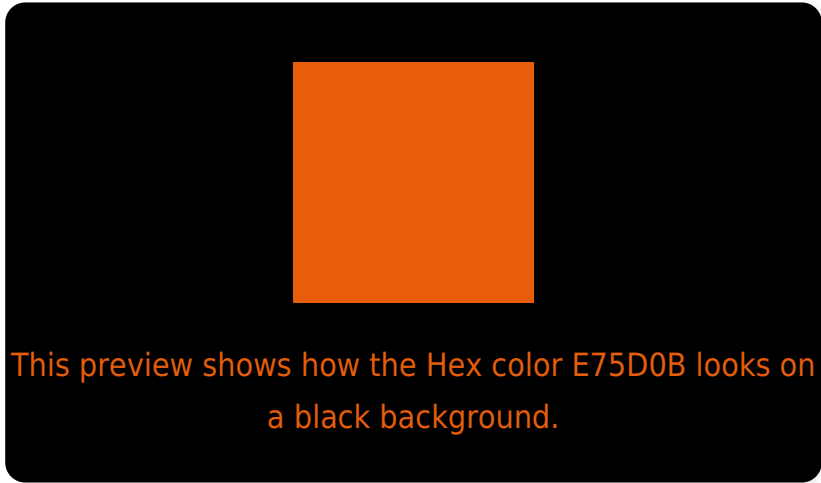
Large Text (above 18pt) WCAG AA ✓ Pass

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 E75D0B Background



This preview shows how black text looks on a background with the Hex color E75D0B.



This preview shows how white text looks on a background with the Hex color E75D0B.

# 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**  
E75D0B

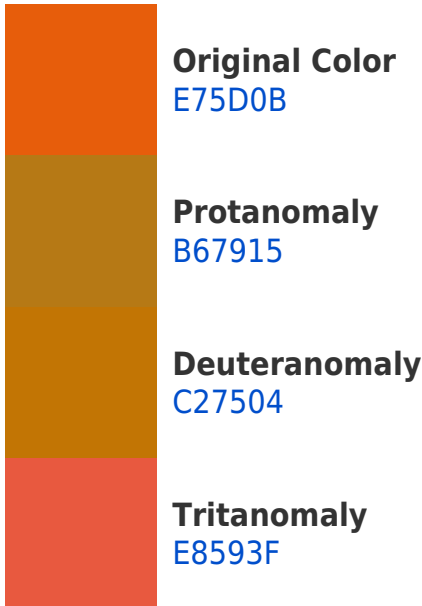
**Protanopia**  
9A891A

**Deuteranopia**  
AD8200



**Tritanopia**  
E9575C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E75D0B 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 #E75D0B looks like.

```
.text, #text, p{  
    color:#E75D0B  
}
```

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 #E75D0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E75D0B
}
```

## Border

The CSS property to change the border of an element to Hex E75D0B 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
#E75D0B }
```

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

```
.border{ border-color:#E75D0B }
```

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

Here you see how a box with a 4 pixel #E75D0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E75D0B; -webkit-box-shadow:4px 4px  
4px 4px #E75D0B; box-shadow:4px 4px 4px  
4px #E75D0B }
```

# Background

The CSS property to change the background color of an element to Hex E75D0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E75D0B }
```

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

```
.background{ background-color:#E75D0B }
```

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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