

Converting Colors

Hex(E75F04)

Have a look what the booklet for
Hex(E75F04) contains.

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Color

Hex(E75F04)

Conversions

Conversions Part 1

Format	Color
Hex	E75F04
RGB	231, 95, 4
RGB Percent	91%, 37%, 2%
CMY	0.0941, 0.6275, 0.9843
CMYK	0.00, 0.59, 0.98, 0.09
HSL	24°, 97%, 46%
HSV	24°, 98%, 91%
XYZ	37.0691, 25.1821, 3.0217
YIQ	125.2900, 110.2670, 0.5310

Conversions

Conversions Part 2

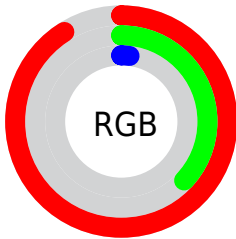
Format	Color
R _Y B	231, 156, 4
Decimal	15163140
CIE Lab	57.25, 49.57, 65.75
CIE LCh	57, 82.336, 52.987
Yxy	25.1821, 0.5679, 0.3858
Android (android.graphics.Color)	4293353220 (0xFFE75F04)
YUV	125.2900, -59.7960, 92.7077
Hunter-Lab	50.1818, 44.0393, 31.5570

Details

The Hex color **E75F04** 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 **048CE7**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF9543**, and **A72800** is the 20% darker color. If you saturate the color by 10%, you get **E75D00**, and if you desaturate by 10%, it is **E76D1B**.

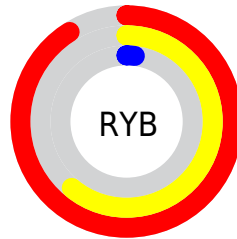
Distribution



Red (91%)

Green (37%)

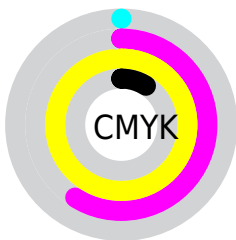
Blue (2%)



Red (91%)

Yellow (61%)

Blue (2%)

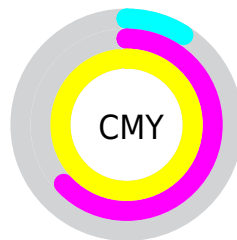


Cyan (0%)

Magenta (59%)

Yellow (98%)

Black (9%)



Cyan (9%)

Magenta (63%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color E75F04 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 E75F04 by changing the saturation by 10% instead.

 E75F04

 E75F04

FFFFFF

 C74400

 FF9543

 A72800

 FFB15E

 870100

 FFCD78

 690000

 FFEA93

 4B0000

 FFFF4F

 300002

 FFFF8B

 000000

 FFFF8B

 E75F04

 E75F04

■ E75D00

■ E76D1B

■ E77B32

■ E78949

■ E79660

■ E7A478

■ E7B28F

■ E7C0A6

■ E7CEBD

■ E7DCD4

Harmonies

Analogous

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



FF3456



E75F04



B48100

Triad

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



E75F04



00A776



557EFF

Complementary

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



E75F04



048CE7

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.



0098FF



E75F04



00A8C0

Square

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



E75F04



00A227



00A4FC



CD56E1

Rectangle

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



E75F04



8A9000



00A4FC



0088FF

Sweetspot

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



E75F04



FFD3B5



E7048C



806553



000000



808080

Same Dimension

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



E75F04



FF6600



E7D004



736C67



B34800



331400

Inverse Universe

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



048CE7



0099FF



041BE7



676E73



006BB3



001F33

Previews

White Background



This preview shows how the Hex color E75F04 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 E75F04 Background



This preview shows how black text looks on a background with the Hex color E75F04.



This preview shows how white text looks on a background with the Hex color E75F04.

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
E75F04

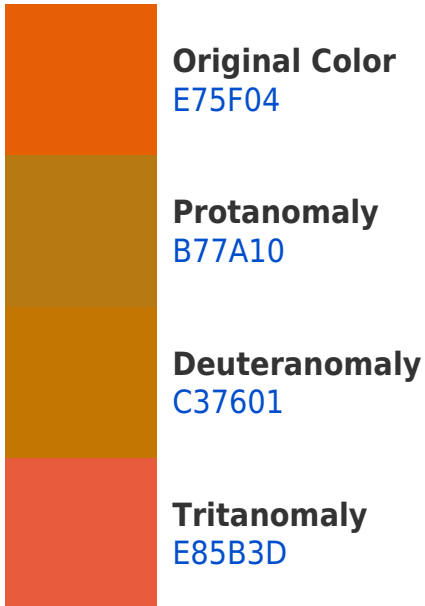
Protanopia
9B8A17

Deuteranopia
AE8300



Tritanopia
E9585E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E75F04 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 #E75F04 looks like.

```
.text, #text, p{  
    color:#E75F04  
}
```

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 #E75F04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E75F04
}
```

Border

The CSS property to change the border of an element to Hex E75F04 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
#E75F04 }
```

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

```
.border{ border-color:#E75F04 }
```

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

Here you see how a box with a 4 pixel #E75F04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E75F04; -webkit-box-shadow:4px 4px  
4px 4px #E75F04; box-shadow:4px 4px 4px  
4px #E75F04 }
```

Background

The CSS property to change the background color of an element to Hex E75F04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E75F04 }
```

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

```
.background{ background-color:#E75F04 }
```

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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