

# Converting Colors

Hex(E75417)

Have a look what the booklet for  
Hex(E75417) contains.

<b>Hex(E75417)</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(E75417)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E75417
RGB	231, 84, 23
RGB Percent	91%, 33%, 9%
CMY	0.0941, 0.6706, 0.9098
CMYK	0.00, 0.64, 0.90, 0.09
HSL	18°, 82%, 50%
HSV	18°, 90%, 91%
XYZ	36.2800, 23.3914, 3.4134
YIQ	120.9990, 107.1930, 12.1930

# Conversions

## Conversions Part 2

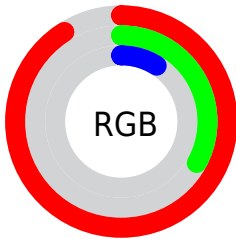
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 109, 23
Decimal	15160343
CIE <sub>Lab</sub>	55.47, 54.62, 60.17
CIE <sub>LCh</sub>	55, 81.264, 47.764
Yxy	23.3914, 0.5751, 0.3708
Android (android.graphics.Color)	4293350423 (0xFFE75417)
YUV	120.9990, -48.3135, 96.4709
Hunter-Lab	48.3647, 49.2606, 29.6708

# Details

The Hex color **E75417** 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 **17AAE7**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF8B4C**, and **A71600** is the 20% darker color. If you saturate the color by 10%, you get **E74400**, and if you desaturate by 10%, it is **E7642E**.

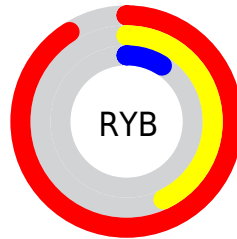
# Distribution



Red (91%)

Green (33%)

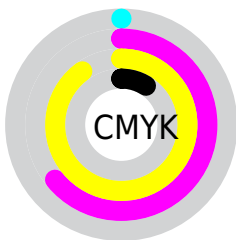
Blue (9%)



Red (91%)

Yellow (43%)

Blue (9%)

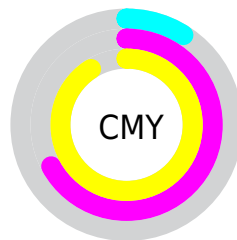


Cyan (0%)

Magenta (64%)

Yellow (90%)

Black (9%)



Cyan (9%)

Magenta (67%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E75417 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 E75417 by changing the saturation by 10% instead.



 E75417

 E75417

FFFFFF

 C73800

 FF8B4C

 A71600

 FFA765

 870000

 FFC380

 680000

 FFE09B

 4A0000

 FFFEB6

 2E0002

 FFFFD2

 000000

 FFFFEF

 E75417

 E75417

 E74400

 E7642E

 E77545

 E7855C

 E79573

 E7A68B

 E7B6A2

 E7C6B9

 E7D7D0

 E7E7E7

# Harmonies

## Analogous

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



FE295F



E75417



B97700

# Triad

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



E75417



00A164



047FFF

# Complementary

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



E75417



17AAE7

# 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.



0096FF



E75417



00A3AE

# Square

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



E75417



009B10



00A0ED



BA5AE5

# Rectangle

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



E75417



918800



00A0ED



0088FF



# Sweetspot

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



E75417



FFCEBA



E717AC



806357



000000



808080



# Same Dimension

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



E75417



FF4B00



E7BA17



736B67



B33400



330F00

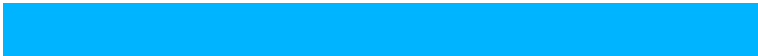


# Inverse Universe

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



17AAE7



00B4FF



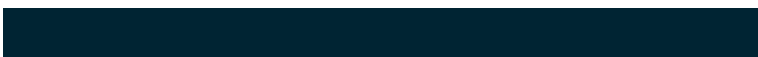
1744E7



676F73



007EB3



002433



# Previews

## White Background



This preview shows how the Hex color E75417 looks on a white background.

## Color Contrast Check

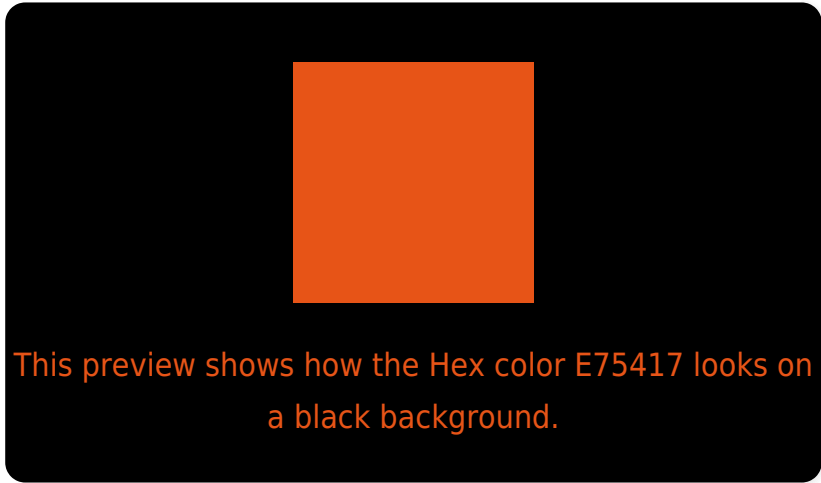
Large Text (above 18pt) WCAG AA ✓ Pass

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 E75417 Background



This preview shows how black text looks on a background with the Hex color E75417.



This preview shows how white text looks on a background with the Hex color E75417.

# 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**  
E75417

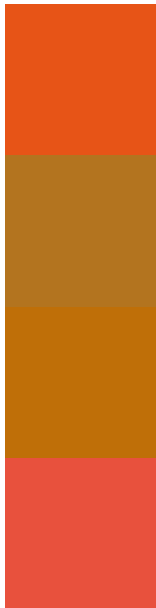
**Protanopia**  
968624

**Deuteranopia**  
A87F00



**Tritanopia**  
E94F53

# Trichromacy



**Original Color**  
E75417

**Protanomaly**  
B3741F

**Deuteranomaly**  
BF6F08

**Tritanomaly**  
E8513D

# Monochromacy



**Original Color**  
E75417

**Achromatopsia**  
797979

**Achromatomaly**  
A16C55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E75417 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 #E75417 looks like.

```
.text, #text, p{  
    color:#E75417  
}
```

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 #E75417 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E75417
}
```

## Border

The CSS property to change the border of an element to Hex E75417 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
#E75417 }
```

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

```
.border{ border-color:#E75417 }
```

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

Here you see how a box with a 4 pixel #E75417 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E75417; -webkit-box-shadow:4px 4px  
4px 4px #E75417; box-shadow:4px 4px 4px  
4px #E75417 }
```

# Background

The CSS property to change the background color of an element to Hex E75417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E75417 }
```

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

```
.background{ background-color:#E75417 }
```

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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