

Converting Colors

Hex(ED6600)

Have a look what the booklet for
Hex(ED6600) contains.

Hex(ED6600)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(ED6600)

Conversions

Conversions Part 1

Format	Color
Hex	ED6600
RGB	237, 102, 0
RGB Percent	93%, 40%, 0%
CMY	0.0706, 0.6000, 1.0000
CMYK	0.00, 0.57, 1.00, 0.07
HSL	26°, 100%, 46%
HSV	26°, 100%, 93%
XYZ	39.6764, 27.5073, 3.2183
YIQ	130.7370, 113.2020, -3.1020

Conversions

Conversions Part 2

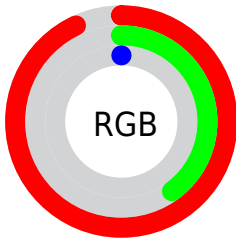
Format	Color
R _Y B	237, 179, 0
Decimal	15558144
CIE Lab	59.44, 48.50, 68.23
CIE LCh	59, 83.717, 54.592
Yxy	27.5073, 0.5636, 0.3907
Android (android.graphics.Color)	4293748224 (0xFFED6600)
YUV	130.7370, -64.4533, 93.1927
Hunter-Lab	52.4474, 43.2523, 33.0750

Details

The Hex color **ED6600** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **0087ED**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF9C43**, and **AD3000** is the 20% darker color. If you saturate the color by 10%, you get **ED6600**, and if you desaturate by 10%, it is **ED7418**.

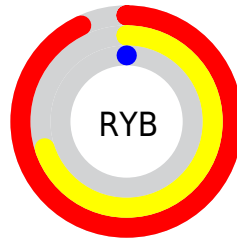
Distribution



Red (93%)

Green (40%)

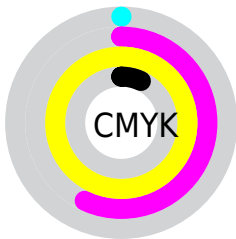
Blue (0%)



Red (93%)

Yellow (70%)

Blue (0%)

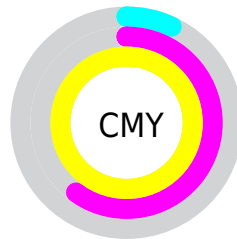


Cyan (0%)

Magenta (57%)

Yellow (100%)

Black (7%)



Cyan (7%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED6600 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 ED6600 by changing the saturation by 10% instead.

 ED6600

 ED6600

FFFFFF

 CD4B00

 FF9C43

 AD3000

 FFB85E

 8D1000

 FFD479

 6E0000

 FFF194

 510000

 FFFFB0

 360002

 FFFFCC

 080000

 FFFFEE

 000000

 ED6600

 ED7418

 ED812F

 ED8F47

 ED9C5F

 EDAA76

 EDB78E

 EDC4A6

 EDD2BE

 EDE0D5

Harmonies

Analogous

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



FF3C57



ED6600



B88800

Triad

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



ED6600



00AE7F



6682FF

Complementary

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



ED6600



0087ED

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.



009DFF



ED6600



00AFCB

Square

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



ED6600



00A830



00AAFF



D959E6

Rectangle

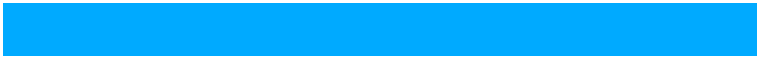
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ED6600



8C9700



00AAFF



008CFF

Sweetspot

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



ED6600



FFD3B3



ED008A



806552



000000



808080

Same Dimension

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



ED6600



FF6E00



EDD900



756F6A



B54E00



361700

Inverse Universe

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



0087ED



0091FF



0014ED



6A7075



0067B5



001F36

Previews

White Background



This preview shows how the Hex color ED6600 looks on a white background.

Color Contrast Check

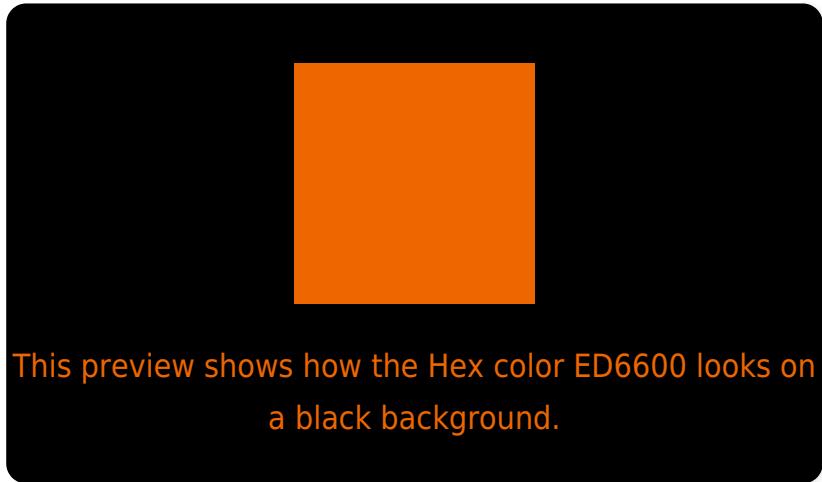
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED6600 Background



This preview shows how black text looks on a background with the Hex color ED6600.



This preview shows how white text looks on a background with the Hex color ED6600.

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
ED6600

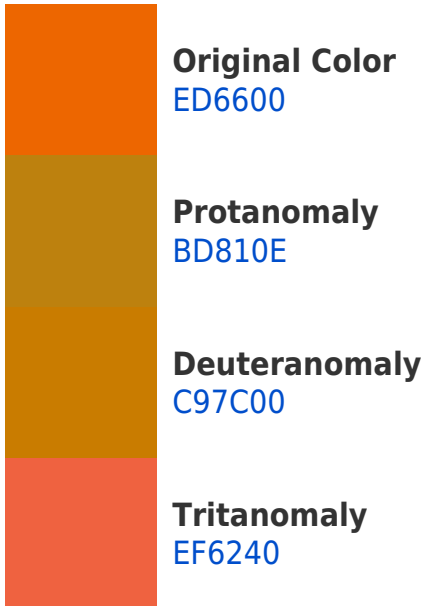
Protanopia
A29016

Deuteranopia
B58800



Tritanopia
F05F65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ED6600 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 #ED6600 looks like.

```
.text, #text, p{  
    color:#ED6600  
}
```

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 #ED6600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED6600
}
```

Border

The CSS property to change the border of an element to Hex ED6600 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
#ED6600 }
```

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

```
.border{ border-color:#ED6600 }
```

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

Here you see how a box with a 4 pixel #ED6600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED6600; -webkit-box-shadow:4px 4px  
4px 4px #ED6600; box-shadow:4px 4px 4px  
4px #ED6600 }
```

Background

The CSS property to change the background color of an element to Hex ED6600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED6600 }
```

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

```
.background{ background-color:#ED6600 }
```

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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