

Converting Colors

Hex(ED6100)

Have a look what the booklet for
Hex(ED6100) contains.

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Color

Hex(ED6100)

Conversions

Conversions Part 1

Format	Color
Hex	ED6100
RGB	237, 97, 0
RGB Percent	93%, 38%, 0%
CMY	0.0706, 0.6196, 1.0000
CMYK	0.00, 0.59, 1.00, 0.07
HSL	25°, 100%, 46%
HSV	25°, 100%, 93%
XYZ	39.1997, 26.5539, 3.0594
YIQ	127.8020, 114.5770, -0.4870

Conversions

Conversions Part 2

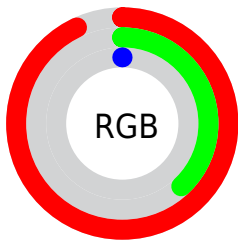
Format	Color
R_{YB}	237, 164, 0
Decimal	15556864
CIE Lab	58.56, 50.80, 67.75
CIE LCh	59, 84.680, 53.134
Yxy	26.5539, 0.5697, 0.3859
Android (android.graphics.Color)	4293746944 (0xFFED6100)
YUV	127.8020, -63.0064, 95.7666
Hunter-Lab	51.5305, 45.6083, 32.5513

Details

The Hex color **ED6100** 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 **008CED**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF9742**, and **AD2A00** is the 20% darker color. If you saturate the color by 10%, you get **ED6100**, and if you desaturate by 10%, it is **ED6F18**.

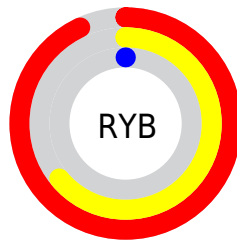
Distribution



Red (93%)

Green (38%)

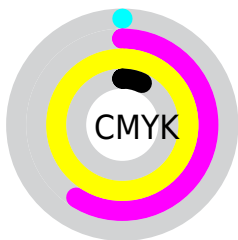
Blue (0%)



Red (93%)

Yellow (64%)

Blue (0%)

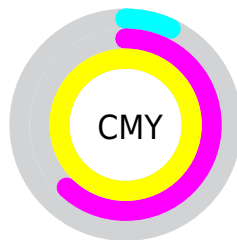


Cyan (0%)

Magenta (59%)

Yellow (100%)

Black (7%)



Cyan (7%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED6100 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 ED6100 by changing the saturation by 10% instead.

 ED6100

 ED6100

FFFFFF

 CD4600

 FF9742

 AD2A00

 FFB35D

 8D0300

 FFD078

 6E0000

 FFED93

 500000

 FFFFAE

 350002

 FFFFCE

 040000

 FFFFEE

 000000

 ED6100

 ED6F18

 ED7D2F

 ED8B47

 ED995F

 EDA776

 EDB58E

 EDC3A6

 EDD1BE

 EDDFD5

Harmonies

Analogous

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



FF3458



ED6100



B98400

Triad

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



ED6100



00AB79



5681FF

Complementary

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



ED6100



008CED

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.



009CFF



ED6100



00ADC6

Square

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



ED6100



00A627



00A9FF



D358E7

Rectangle

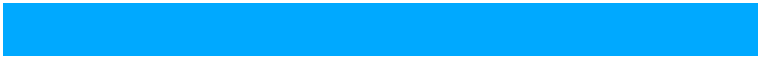
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ED6100



8D9400



00A9FF



008BFF

Sweetspot

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



ED6100



FFD2B3



ED008E



806452



000000



808080

Same Dimension

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



ED6100



FF6800



EDD500



756E6A



B54A00



361600

Inverse Universe

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



008CED



0097FF



0018ED



6A7075



006BB5



002036

Previews

White Background



This preview shows how the Hex color ED6100 looks on a white background.

Color Contrast Check

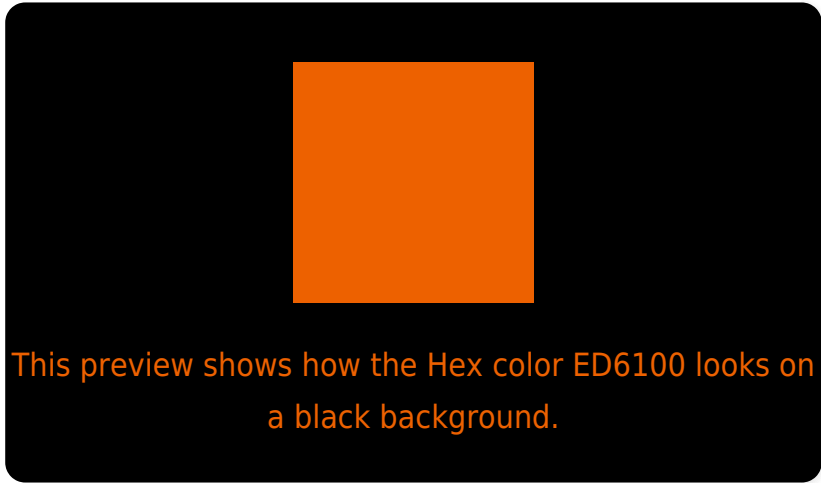
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED6100 Background



This preview shows how black text looks on a background with the Hex color ED6100.



This preview shows how white text looks on a background with the Hex color ED6100.

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

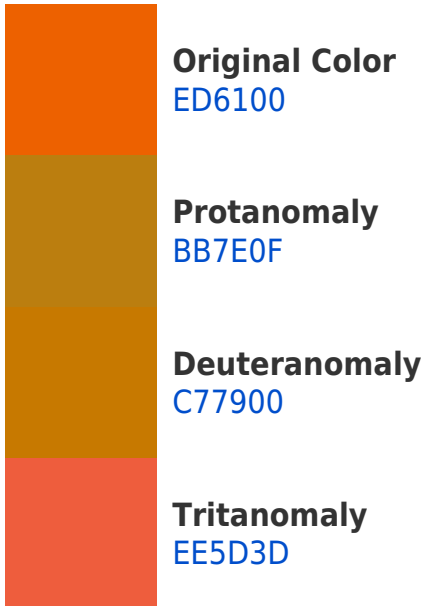


Original Color
ED6100

Protanopia
9F8E17

Deuteranopia
B28600

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ED6100 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 #ED6100 looks like.

```
.text, #text, p{  
    color:#ED6100  
}
```

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 #ED6100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED6100
}
```

Border

The CSS property to change the border of an element to Hex ED6100 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
#ED6100 }
```

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

```
.border{ border-color:#ED6100 }
```

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

Here you see how a box with a 4 pixel #ED6100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED6100; -webkit-box-shadow:4px 4px  
4px 4px #ED6100; box-shadow:4px 4px 4px  
4px #ED6100 }
```

Background

The CSS property to change the background color of an element to Hex ED6100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED6100 }
```

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

```
.background{ background-color:#ED6100 }
```

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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