

Converting Colors

Hex(ED6300)

Have a look what the booklet for
Hex(ED6300) contains.

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Color

Hex(ED6300)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | ED6300 |
| RGB | 237, 99, 0 |
| RGB Percent | 93%, 39%, 0% |
| CMY | 0.0706, 0.6118, 1.0000 |
| CMYK | 0.00, 0.58, 1.00, 0.07 |
| HSL | 25°, 100%, 46% |
| HSV | 25°, 100%, 93% |
| XYZ | 39.3869, 26.9282, 3.1217 |
| YIQ | 128.9760, 114.0270, -1.5330 |

Conversions

Conversions Part 2

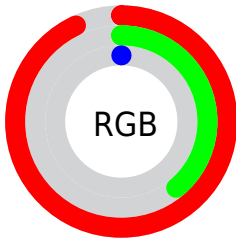
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 237, 170, 0 |
| Decimal | 15557376 |
| CIE _{Lab} | 58.91, 49.89, 67.94 |
| CIE _{LCh} | 59, 84.290, 53.708 |
| Yxy | 26.9282, 0.5672, 0.3878 |
| Android (android.graphics.Color) | 4293747456 (0xFFED6300) |
| YUV | 128.9760, -63.5852, 94.7370 |
| Hunter-Lab | 51.8924, 44.6718, 32.7579 |

Details

The Hex color **ED6300** 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 **008AED**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF9942**, and **AD2C00** is the 20% darker color. If you saturate the color by 10%, you get **ED6300**, and if you desaturate by 10%, it is **ED7118**.

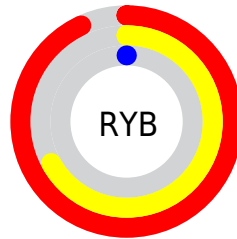
Distribution



Red (93%)

Green (39%)

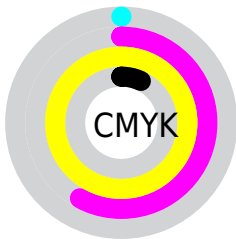
Blue (0%)



Red (93%)

Yellow (67%)

Blue (0%)

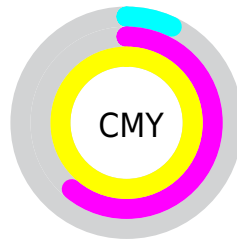


Cyan (0%)

Magenta (58%)

Yellow (100%)

Black (7%)



Cyan (7%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED6300 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 ED6300 by changing the saturation by 10% instead.

 ED6300

 ED6300

FFFFFF

 CD4800

 FF9942

 AD2C00

 FFB55D

 8D0800

 FFD278

 6E0000

 FFEF93

 500000

 FFFF4F

 360002

 FFFF4B

 050000

 FFFF48

 000000

 ED6300

 ED7118

 ED7F2F

 ED8C47

 ED9A5F

 EDA876

 EDB68E

 EDC4A6

 EDD1BE

 EDDFD5

Harmonies

Analogous

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



FF3758



ED6300



B98500

Triad

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



ED6300



00AC7B



5D81FF

Complementary

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



ED6300



008AED

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



ED6300



00ADC8

Square

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



ED6300



00A72B



00A9FF



D558E7

Rectangle

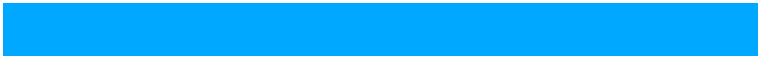
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ED6300



8C9500



00A9FF



008CFF

Sweetspot

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



ED6300



FFD2B3



ED008A



806552



000000



808080

Same Dimension

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



ED6300



FF6B00



EDD900



756E6A



B54C00



361600

Inverse Universe

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



008AED



0094FF



0014ED



6A7075



0069B5



001F36

Previews

White Background



This preview shows how the Hex color ED6300 looks on a white background.

Color Contrast Check

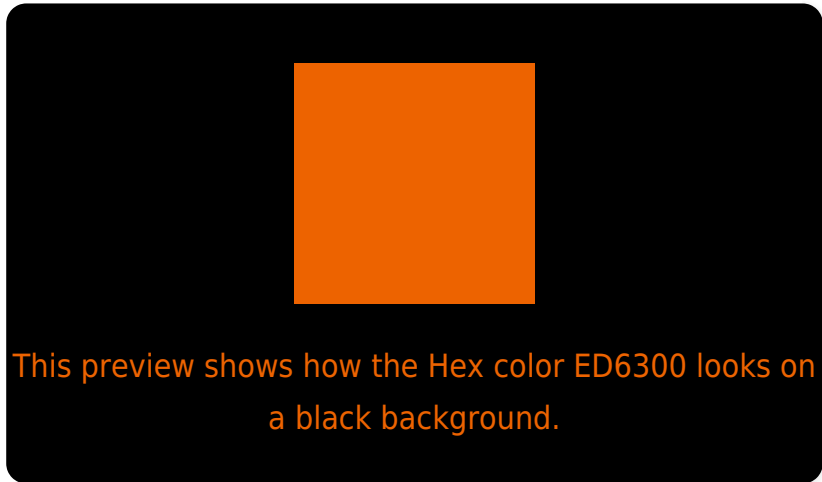
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED6300 Background



This preview shows how black text looks on a background with the Hex color ED6300.



This preview shows how white text looks on a background with the Hex color ED6300.

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

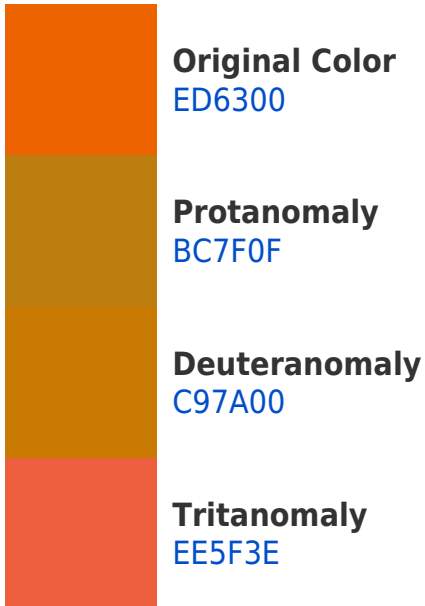


Original Color
ED6300

Protanopia
A08F17

Deuteranopia
B48700

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ED6300 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 #ED6300 looks like.

```
.text, #text, p{  
    color:#ED6300  
}
```

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 #ED6300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED6300  
}
```

Border

The CSS property to change the border of an element to Hex ED6300 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  
#ED6300 }
```

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

```
.border{ border-color:#ED6300 }
```

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

Here you see how a box with a 4 pixel #ED6300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED6300; -webkit-box-shadow:4px 4px  
4px 4px #ED6300; box-shadow:4px 4px 4px  
4px #ED6300 }
```

Background

The CSS property to change the background color of an element to Hex ED6300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED6300 }
```

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

```
.background{ background-color:#ED6300 }
```

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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