

# Converting Colors

Hex(ED6403)

Have a look what the booklet for  
Hex(ED6403) contains.

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**Color**

**Hex(ED6403)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED6403
RGB	237, 100, 3
RGB Percent	93%, 39%, 1%
CMY	0.0706, 0.6078, 0.9882
CMYK	0.00, 0.58, 0.99, 0.07
HSL	25°, 98%, 47%
HSV	25°, 99%, 93%
XYZ	39.4987, 27.1254, 3.2401
YIQ	129.9050, 112.7890, -1.1230

# Conversions

## Conversions Part 2

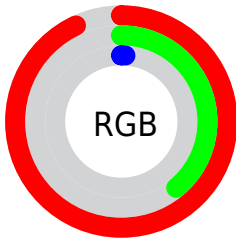
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">237, 169, 3</a>
Decimal	<a href="#">15557635</a>
CIELab	<a href="#">59.09, 49.46, 67.49</a>
CIELCh	<a href="#">59, 83.671, 53.765</a>
Yxy	<a href="#">27.1254, 0.5654, 0.3883</a>
Android (android.graphics.Color)	<a href="#">4293747715 (0xFFED6403)</a>
YUV	<a href="#">129.9050, -62.5642, 93.9223</a>
Hunter-Lab	<a href="#">52.0821, 44.2294, 32.7690</a>

# Details

The Hex color **ED6403** 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 **038CED**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF9A44**, and **AD2E00** is the 20% darker color. If you saturate the color by 10%, you get **ED6200**, and if you desaturate by 10%, it is **ED721B**.

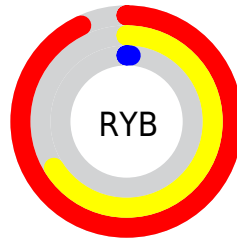
# Distribution



Red (93%)

Green (39%)

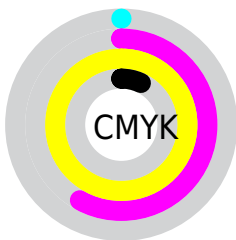
Blue (1%)



Red (93%)

Yellow (66%)

Blue (1%)

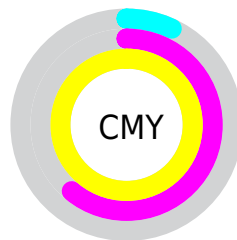


Cyan (0%)

Magenta (58%)

Yellow (99%)

Black (7%)



Cyan (7%)

Magenta (61%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED6403 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 ED6403 by changing the saturation by 10% instead.



 ED6403

 ED6403

FFFFFF

 CD4900

 FF9A44

 AD2E00

 FFB65F

 8D0B00

 FFD379

 6E0000

 FFF095

 500000

 FFFF00

 360002

 FFF0CD

 060000

 FFFF00

 000000

 ED6403

 ED6403

ED6200

ED721B

ED8032

ED8E4A

ED9C62

EDA97A

EDB791

EDC5A9

EDD3C1

EDE1D8

# Harmonies

## Analogous

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



FF3958



ED6403



B98600

# Triad

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



ED6403



00AD7C



5F82FF

# Complementary

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



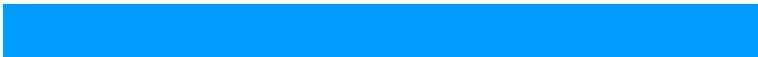
ED6403



038CED

# 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



ED6403



00AEC8

# Square

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



ED6403



00A72C



00AAFF



D659E6

# Rectangle

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



ED6403



8D9600



00AAFF



008CFF



# Sweetspot

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



ED6403



FFD2B3



ED038F



806552



000000



808080



# Same Dimension

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



ED6403



FF6A00



EDD603



756E6A



B54B00



361600

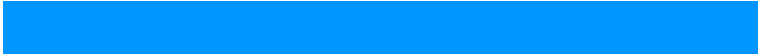


# Inverse Universe

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



038CED



0095FF



031AED



6A7075



006AB5



001F36



# Previews

## White Background



This preview shows how the Hex color ED6403 looks on a white background.

## Color Contrast Check

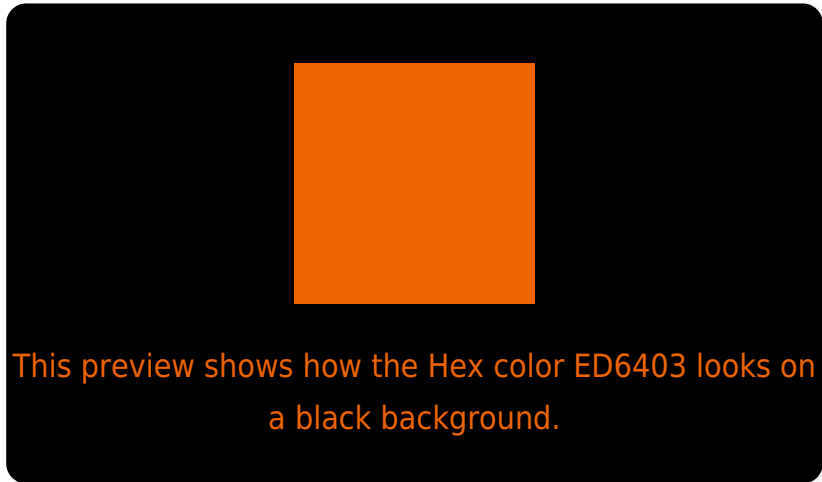
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED6403 Background



This preview shows how black text looks on a background with the Hex color ED6403.



This preview shows how white text looks on a background with the Hex color ED6403.

# 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



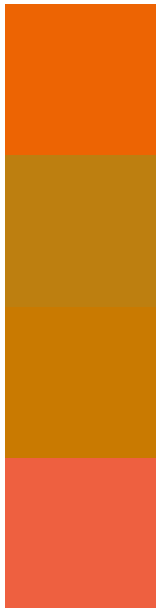
**Original Color**  
ED6403

**Protanopia**  
A18F17

**Deuteranopia**  
B48700



# Trichromacy



**Original Color**  
ED6403

**Protanomaly**  
BD7F10

**Deuteranomaly**  
C97A01

**Tritanomaly**  
EE6040

# Monochromacy



**Original Color**  
ED6403

**Achromatopsia**  
828282

**Achromatomaly**  
A97754

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED6403 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 #ED6403 looks like.

```
.text, #text, p{  
    color:#ED6403  
}
```

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 #ED6403 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED6403
}
```

## Border

The CSS property to change the border of an element to Hex ED6403 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
#ED6403 }
```

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

```
.border{ border-color:#ED6403 }
```

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

Here you see how a box with a 4 pixel #ED6403 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED6403; -webkit-box-shadow:4px 4px  
4px 4px #ED6403; box-shadow:4px 4px 4px  
4px #ED6403 }
```

# Background

The CSS property to change the background color of an element to Hex ED6403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED6403 }
```

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

```
.background{ background-color:#ED6403 }
```

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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