

# Converting Colors

Hex(ED8600)

Have a look what the booklet for  
Hex(ED8600) contains.

<b>Hex(ED8600)</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(ED8600)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED8600
RGB	237, 134, 0
RGB Percent	93%, 53%, 0%
CMY	0.0706, 0.4745, 1.0000
CMYK	0.00, 0.43, 1.00, 0.07
HSL	34°, 100%, 46%
HSV	34°, 100%, 93%
XYZ	43.4501, 35.0547, 4.4762
YIQ	149.5210, 104.4020, -19.8380

# Conversions

## Conversions Part 2

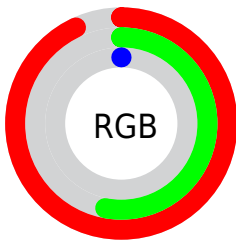
Format	Color
<a href="#">RYB</a>	<a href="#">182, 237, 0</a>
Decimal	<a href="#">15566336</a>
CIELab	<a href="#">65.79, 32.62, 71.99</a>
CIElCh	<a href="#">66, 79.040, 65.623</a>
Yxy	<a href="#">35.0547, 0.5236, 0.4224</a>
Android (android.graphics.Color)	<a href="#">4293756416</a> (0xFFED8600)
YUV	<a href="#">149.5210, -73.7139, 76.7191</a>
Hunter-Lab	<a href="#">59.2070, 27.3832, 36.9625</a>

# Details

The Hex color **ED8600** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark washed orange. A complement of this color would be **0067ED**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFBC49**, and **AE5300** is the 20% darker color. If you saturate the color by 10%, you get **ED8600**, and if you desaturate by 10%, it is **ED9018**.

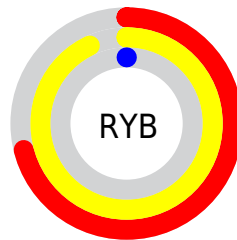
# Distribution



Red (93%)

Green (53%)

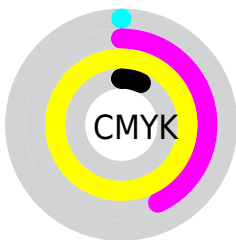
Blue (0%)



Red (71%)

Yellow (93%)

Blue (0%)

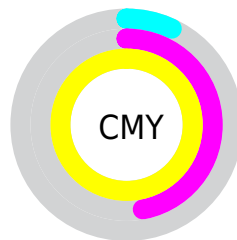


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (7%)



Cyan (7%)

Magenta (47%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED8600 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 ED8600 by changing the saturation by 10% instead.



 ED8600

 ED8600

FFFFFF

 CD6C00

 FFBC49

 AE5300

 FFD864

 8F3B00

 FFF480

 712300

 FFFF9C

 540900

 FFFFB8

 380000

 FFFFD5

 1C0001

 FFFFF2

 000000

 ED8600

 ED9018

 ED9B2F

 EDA547

 EDAF5F

 ED8A76

 EDC48E

 EDCEA6

 EDD8BE

 EDE3D5

# Harmonies

## Analogous

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



FF6551



ED8600



B4A100

# Triad

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



ED8600



00C0AC



B086FF

# Complementary

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



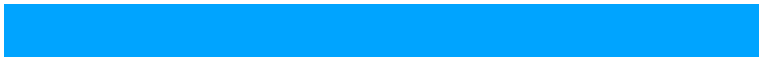
ED8600



0067ED

# 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.



00A4FF



ED8600



00BFF1

# Square

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



ED8600



00BC62



00B7FF



FE62DC

# Rectangle

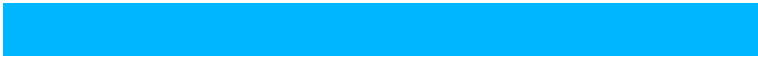
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ED8600



85AE00



00B7FF



8692FF



# Sweetspot

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



ED8600



FFDEB3



ED006B



806C52



000000



808080



# Same Dimension

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



ED8600



FF9000



E1ED00



75706A



B56600



361E00



# Inverse Universe

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



0067ED



006FFF



0C00ED



6A6F75



004FB5



001736



# Previews

## White Background



This preview shows how the Hex color ED8600 looks on a white background.

## Color Contrast Check

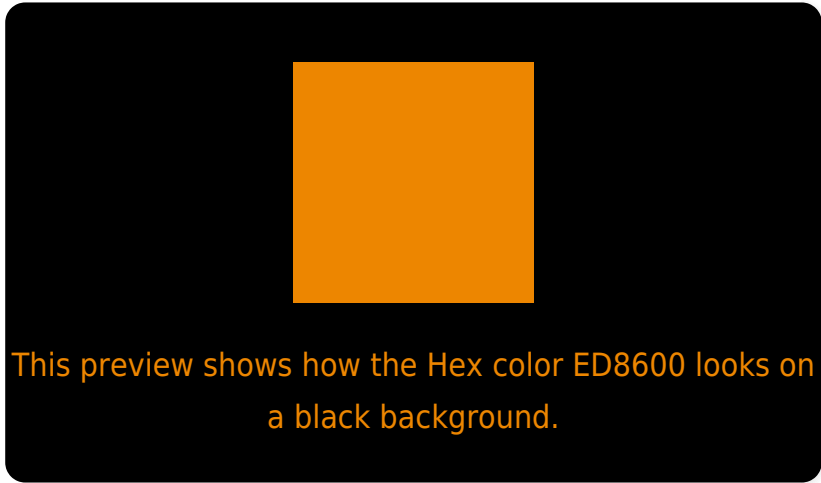
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ED8600 Background



This preview shows how black text looks on a background with the Hex color ED8600.

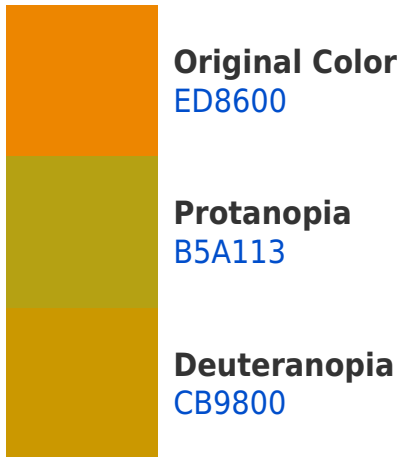



This preview shows how white text looks on a background with the Hex color ED8600.

# 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](#).

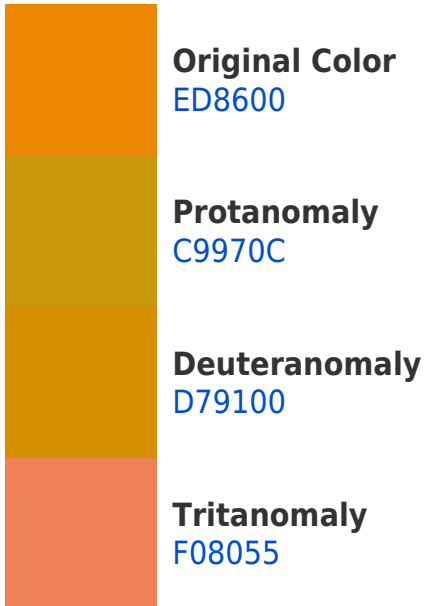
## Dichromacy





**Tritanopia**  
F27D85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED8600 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 #ED8600 looks like.

```
.text, #text, p{  
    color:#ED8600  
}
```

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 #ED8600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED8600
}
```

## Border

The CSS property to change the border of an element to Hex ED8600 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
#ED8600 }
```

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

```
.border{ border-color:#ED8600 }
```

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

Here you see how a box with a 4 pixel #ED8600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED8600; -webkit-box-shadow:4px 4px  
4px 4px #ED8600; box-shadow:4px 4px 4px  
4px #ED8600 }
```

# Background

The CSS property to change the background color of an element to Hex ED8600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED8600 }
```

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

```
.background{ background-color:#ED8600 }
```

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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