

# Converting Colors

Hex(ED3600)

Have a look what the booklet for  
Hex(ED3600) contains.

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**Color**

**Hex(ED3600)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | ED3600                      |
| RGB         | 237, 54, 0                  |
| RGB Percent | 93%, 21%, 0%                |
| CMY         | 0.0706, 0.7882, 1.0000      |
| CMYK        | 0.00, 0.77, 1.00, 0.07      |
| HSL         | 14°, 100%, 46%              |
| HSV         | 14°, 100%, 93%              |
| XYZ         | 36.2442, 20.6429, 2.0742    |
| YIQ         | 102.5610, 126.4020, 22.0020 |

# Conversions

## Conversions Part 2

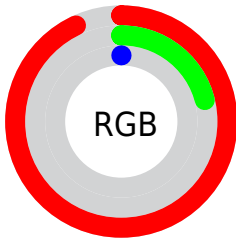
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">237, 70, 0</a>                                   |
| Decimal                             | <a href="#">15545856</a>                                     |
| CIELab                              | <a href="#">52.56, 67.08, 64.79</a>                          |
| CIELCh                              | <a href="#">53, 93.256, 44.004</a>                           |
| Yxy                                 | <a href="#">20.6429, 0.6147, 0.3501</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4293735936</a><br>( <a href="#">0xFFED3600</a> ) |
| YUV                                 | <a href="#">102.5610, -50.5626, 117.9030</a>                 |
| Hunter-Lab                          | <a href="#">45.4344, 62.8839, 29.0974</a>                    |

# Details

The Hex color **ED3600** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **00B7ED**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF733C**, and **AB0000** is the 20% darker color. If you saturate the color by 10%, you get **ED3600**, and if you desaturate by 10%, it is **ED4818**.

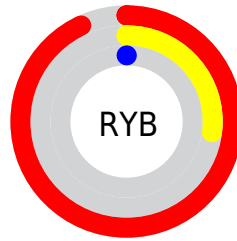
# Distribution



Red (93%)

Green (21%)

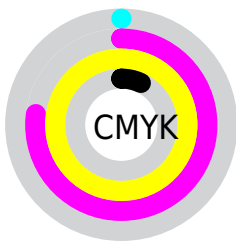
Blue (0%)



Red (93%)

Yellow (27%)

Blue (0%)

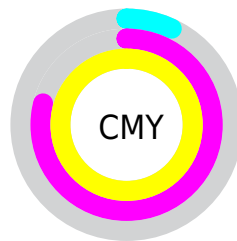


Cyan (0%)

Magenta (77%)

Yellow (100%)

Black (7%)



Cyan (7%)

Magenta (79%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED3600 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 ED3600 by changing the saturation by 10% instead.



 ED3600

 ED3600

 FFFFFB

 CC0400

 FF733C

 AB0000

 FF9056

 8B0000

 FFAD70

 6B0000

 FFCB8A

 4D0003

 FFE8A6

 2E0002

 FFFFC1

 000000

 FFFFDE

 ED3600

 ED4818

 ED5B2F

 ED6D47

 ED7F5F

 ED9176

 EDA48E

 EDB6A6

 EDC8BE

 EDDBD5

# Harmonies

## Analogous

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



FF005C



ED3600



BB6A00

# Triad

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



ED3600



009B4E



007CFF

# Complementary

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



ED3600



00B7ED

# 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.



0093FF



ED3600



009DA2

# Square

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



ED3600



009400



009CED



AA4FF3

# Rectangle

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



ED3600



907E00



009CED



0086FF



# Sweetspot

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



ED3600



FFC4B3



ED00BA



805C52



000000



808080



# Same Dimension

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



ED3600



FF3A00



EDAA00



756C6A



B52900



360C00



# Inverse Universe

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



00B7ED



00C5FF



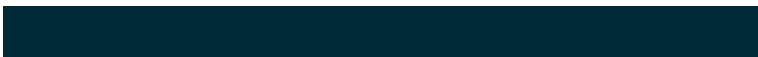
0043ED



6A7375



008CB5



002936



# Previews

## White Background



This preview shows how the Hex color ED3600 looks on a white background.

## Color Contrast Check

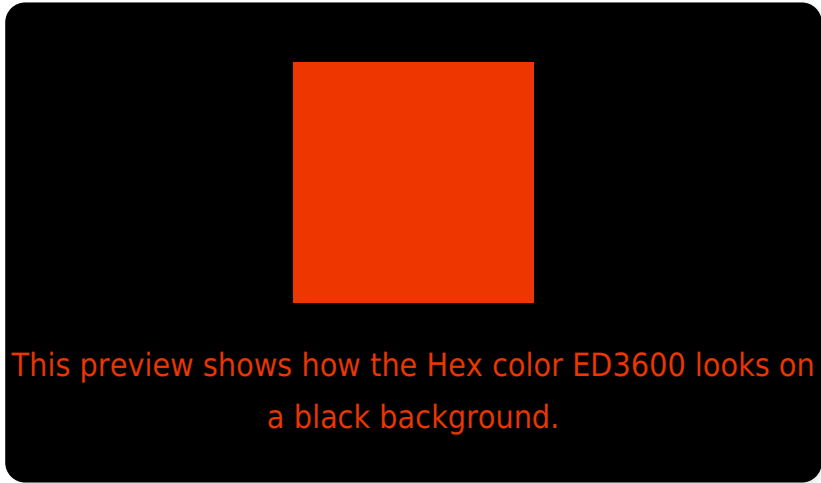
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED3600 Background



This preview shows how black text looks on a background with the Hex color ED3600.



This preview shows how white text looks on a background with the Hex color ED3600.

# 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



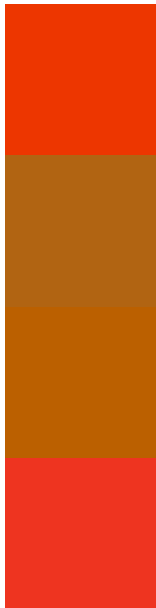
**Original Color**  
ED3600

**Protanopia**  
8E7E1C

**Deuteranopia**  
9F7800



# Trichromacy



**Original Color**  
ED3600

**Protanomaly**  
B16412

**Deuteranomaly**  
BB6000

**Tritanomaly**  
EE3420

# Monochromacy



**Original Color**  
ED3600

**Achromatopsia**  
676767

**Achromatomaly**  
985542

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED3600 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 #ED3600 looks like.

```
.text, #text, p{  
    color:#ED3600  
}
```

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 #ED3600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED3600
}
```

## Border

The CSS property to change the border of an element to Hex ED3600 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
#ED3600 }
```

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

```
.border{ border-color:#ED3600 }
```

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

Here you see how a box with a 4 pixel #ED3600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED3600; -webkit-box-shadow:4px 4px  
4px 4px #ED3600; box-shadow:4px 4px 4px  
4px #ED3600 }
```

# Background

The CSS property to change the background color of an element to Hex ED3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED3600 }
```

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

```
.background{ background-color:#ED3600 }
```

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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