

Converting Colors

Hex(ED2600)

Have a look what the booklet for
Hex(ED2600) contains.

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Color

Hex(ED2600)

Conversions

Conversions Part 1

Format	Color
Hex	ED2600
RGB	237, 38, 0
RGB Percent	93%, 15%, 0%
CMY	0.0706, 0.8510, 1.0000
CMYK	0.00, 0.84, 1.00, 0.07
HSL	10°, 100%, 46%
HSV	10°, 100%, 93%
XYZ	35.6182, 19.3908, 1.8655
YIQ	93.1690, 130.8020, 30.3700

Conversions

Conversions Part 2

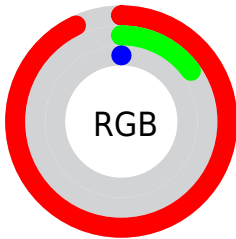
Format	Color
RYB	237, 45, 0
Decimal	15541760
CIELab	51.14, 71.08, 64.20
CIELCh	51, 95.780, 42.090
Yxy	19.3908, 0.6263, 0.3409
Android (android.graphics.Color)	4293731840 (0xFFED2600)
YUV	93.1690, -45.9323, 126.1398
Hunter-Lab	44.0349, 67.3207, 28.3127

Details

The Hex color **ED2600** 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 **00C7ED**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF693A**, and **AB0000** is the 20% darker color. If you saturate the color by 10%, you get **ED2600**, and if you desaturate by 10%, it is **ED3A18**.

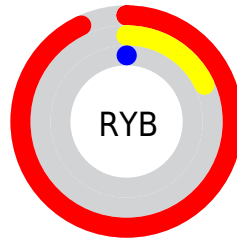
Distribution



Red (93%)

Green (15%)

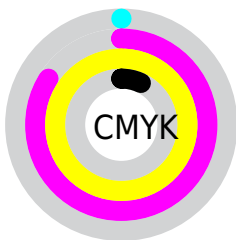
Blue (0%)



Red (93%)

Yellow (18%)

Blue (0%)

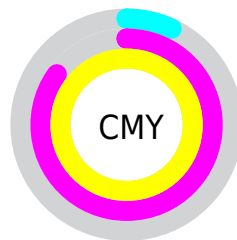


Cyan (0%)

Magenta (84%)

Yellow (100%)

Black (7%)



Cyan (7%)

Magenta (85%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED2600 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 ED2600 by changing the saturation by 10% instead.

 ED2600

 ED2600

 FFFFF8

 CC0000

 FF693A

 AB0000

 FF8754

 8A0000

 FFA46E

 6A0001

 FFC288

 4C0003

 FFE0A3

 2D0001

 FFFEBF

 000000

 FFFFDB

 ED2600

 ED3A18

 ED4E2F

 ED6247

 ED765F

 ED8A76

 ED9D8E

 EDB1A6

 EDC5BE

 EDD9D5

Harmonies

Analogous

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



FF005D



ED2600



BC6300

Triad

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



ED2600



009743



007BFF

Complementary

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



ED2600



00C7ED

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.



0091FF



ED2600



009A9A

Square

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



ED2600



009000



0099E8



9F4DF6

Rectangle

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



ED2600



907900



0099E8



0084FF

Sweetspot

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



ED2600



FFBFB3



ED00C9



805952



000000



808080

Same Dimension

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



ED2600



FF2900



ED9A00



756B6A



B51D00



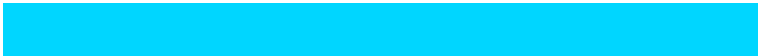
360900

Inverse Universe

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



00C7ED



00D6FF



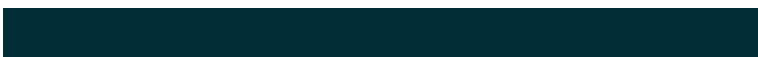
0053ED



6A7375



0098B5



002D36

Previews

White Background



This preview shows how the Hex color ED2600 looks on a white background.

Color Contrast Check

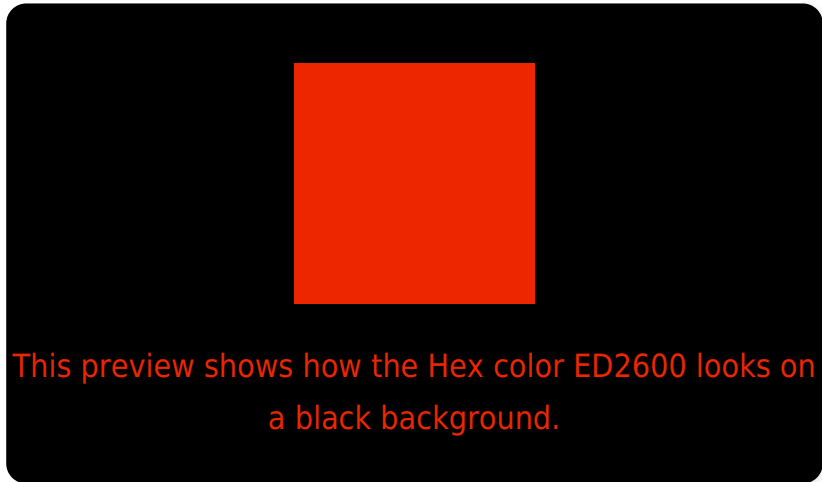
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED2600 Background



This preview shows how black text looks on a background with the Hex color ED2600.

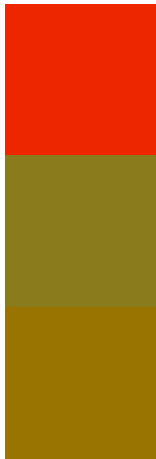


This preview shows how white text looks on a background with the Hex color ED2600.

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



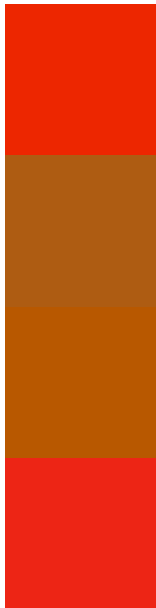
Original Color
ED2600

Protanopia
8A7B1D

Deuteranopia
9A7400



Trichromacy



Original Color
ED2600

Protanomaly
AE5C12

Deuteranomaly
B85800

Tritanomaly
ED2515

Monochromacy



Original Color
ED2600

Achromatopsia
5D5D5D

Achromatomaly
91493B

CSS Examples

Text

The CSS property to change the color of the text to Hex ED2600 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 #ED2600 looks like.

```
.text, #text, p{  
    color:#ED2600  
}
```

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 #ED2600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED2600
}
```

Border

The CSS property to change the border of an element to Hex ED2600 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
#ED2600 }
```

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

```
.border{ border-color:#ED2600 }
```

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

Here you see how a box with a 4 pixel #ED2600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED2600; -webkit-box-shadow:4px 4px  
4px 4px #ED2600; box-shadow:4px 4px 4px  
4px #ED2600 }
```

Background

The CSS property to change the background color of an element to Hex ED2600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED2600 }
```

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

```
.background{ background-color:#ED2600 }
```

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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