

Converting Colors

Hex(E53600)

Have a look what the booklet for
Hex(E53600) contains.

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Color

Hex(E53600)

Conversions

Conversions Part 1

Format	Color
Hex	E53600
RGB	229, 54, 0
RGB Percent	90%, 21%, 0%
CMY	0.1020, 0.7882, 1.0000
CMYK	0.00, 0.76, 1.00, 0.10
HSL	14°, 100%, 45%
HSV	14°, 100%, 90%
XYZ	33.6323, 19.2963, 1.9520
YIQ	100.1690, 121.6340, 20.3060

Conversions

Conversions Part 2

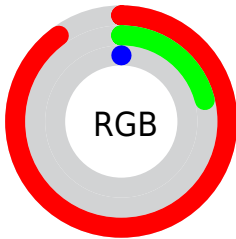
Format	Color
RYB	229, 71, 0
Decimal	15021568
CIELab	51.03, 64.72, 63.23
CIELCh	51, 90.480, 44.332
Yxy	19.2963, 0.6128, 0.3516
Android (android.graphics.Color)	4293211648 (0xFFE53600)
YUV	100.1690, -49.3833, 112.9848
Hunter-Lab	43.9276, 59.7915, 28.1147

Details

The Hex color **E53600** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **00AFE5**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF723B**, and **A40000** is the 20% darker color. If you saturate the color by 10%, you get **E53600**, and if you desaturate by 10%, it is **E54817**.

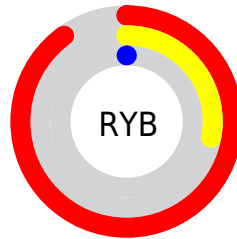
Distribution



Red (90%)

Green (21%)

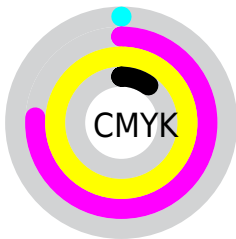
Blue (0%)



Red (90%)

Yellow (28%)

Blue (0%)

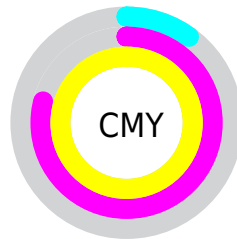


Cyan (0%)

Magenta (76%)

Yellow (100%)

Black (10%)



Cyan (10%)

Magenta (79%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E53600 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 E53600 by changing the saturation by 10% instead.

 E53600

 E53600

 FFFFFA

 C40800

 FF723B

 A40000

 FF8F55

 830000

 FFAC6F

 640000

 FFC989

 470003

 FFE6A4

 270001

 FFFFC0

 000000

 FFFFDD

 E53600

 E54817

 E5592E

 E56B45

 E57C5C

 E58D73

 E59F89

 E5B1A0

 E5C2B7

 E5D4CE

Harmonies

Analogous

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



FB0059



E53600



B56700

Triad

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



E53600



00964C



0078FF

Complementary

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



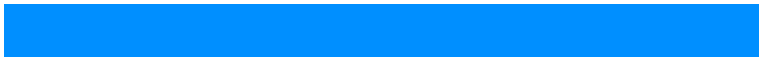
E53600



00AFE5

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.



008FFF



E53600



00999E

Square

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



E53600



009000



0097E6



A64DEA

Rectangle

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



E53600



8B7B00



0097E6



0081FF

Sweetspot

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



E53600



FFC5B3



E500B0



805C52



000000



808080

Same Dimension

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



E53600



FF3C00



E5A800



736A67



B32A00



330C00

Inverse Universe

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



00AFE5



00C3FF



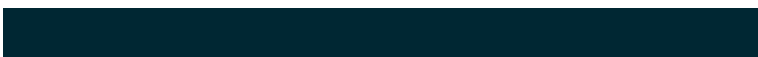
003DE5



677073



0088B3



002733

Previews

White Background



This preview shows how the Hex color E53600 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 E53600 Background



This preview shows how black text looks on a background with the Hex color E53600.



This preview shows how white text looks on a background with the Hex color E53600.

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
E53600

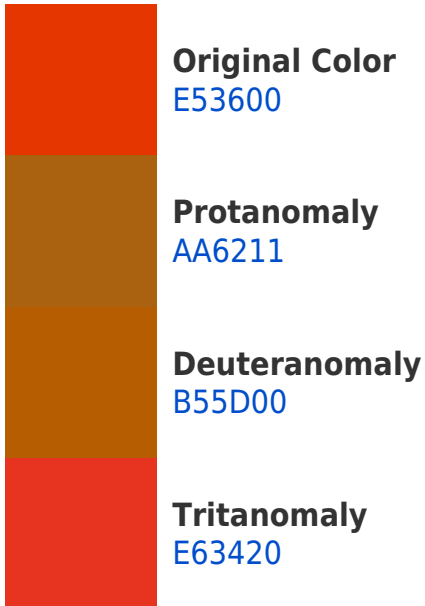
Protanopia
897B1B

Deuteranopia
9A7400



Tritanopia
E63333

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E53600 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 #E53600 looks like.

```
.text, #text, p{  
    color:#E53600  
}
```

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 #E53600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E53600
}
```

Border

The CSS property to change the border of an element to Hex E53600 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
#E53600 }
```

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

```
.border{ border-color:#E53600 }
```

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

Here you see how a box with a 4 pixel #E53600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E53600; -webkit-box-shadow:4px 4px  
4px 4px #E53600; box-shadow:4px 4px 4px  
4px #E53600 }
```

Background

The CSS property to change the background color of an element to Hex E53600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E53600 }
```

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

```
.background{ background-color:#E53600 }
```

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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