

Converting Colors

Hex(E36003)

Have a look what the booklet for
Hex(E36003) contains.

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Color

Hex(E36003)

Conversions

Conversions Part 1

Format	Color
Hex	E36003
RGB	227, 96, 3
RGB Percent	89%, 38%, 1%
CMY	0.1098, 0.6235, 0.9882
CMYK	0.00, 0.58, 0.99, 0.11
HSL	25°, 97%, 45%
HSV	25°, 99%, 89%
XYZ	35.8779, 24.7032, 2.9634
YIQ	124.5670, 107.9290, -1.1510

Conversions

Conversions Part 2

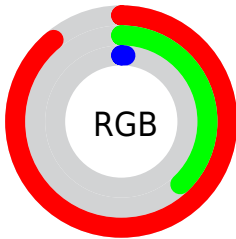
Format	Color
R_{YB}	227, 162, 3
Decimal	14901251
CIE Lab	56.79, 47.63, 65.33
CIE LCh	57, 80.848, 53.909
Yxy	24.7032, 0.5646, 0.3888
Android (android.graphics.Color)	4293091331 (0xFFE36003)
YUV	124.5670, -59.9325, 89.8337
Hunter-Lab	49.7023, 41.8720, 31.2566

Details

The Hex color **E36003** 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 **0386E3**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF9643**, and **A32A00** is the 20% darker color. If you saturate the color by 10%, you get **E35E00**, and if you desaturate by 10%, it is **E36D1A**.

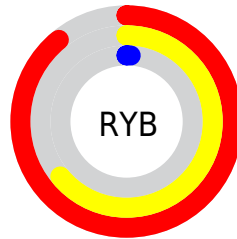
Distribution



Red (89%)

Green (38%)

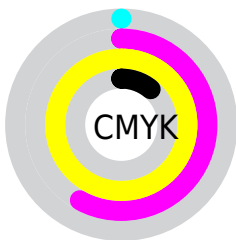
Blue (1%)



Red (89%)

Yellow (64%)

Blue (1%)

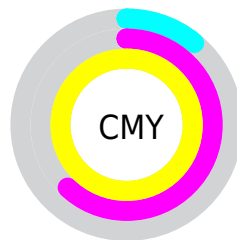


Cyan (0%)

Magenta (58%)

Yellow (99%)

Black (11%)



Cyan (11%)

Magenta (62%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color E36003 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 E36003 by changing the saturation by 10% instead.

 E36003

 E36003

FFFFFF

 C34600

 FF9643

 A32A00

 FFB25D

 840700

 FFCE78

 650000

 FFEB93

 480000

 FFFFAE

 2D0002

 FFFFCE

 000000

 FFFFEE

 E36003

 E36003

 E35E00

 E36D1A

 E37B30

 E38847

 E3955E

 E3A275

 E3B08B

 E3BDA2

 E3CAB9

 E3D7CF

Harmonies

Analogous

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



FF3754



E36003



B18000

Triad

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



E36003



00A677



5C7CFF

Complementary

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



E36003



0386E3

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.



0096FF



E36003



00A7C0

Square

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



E36003



00A02B



00A3FA



CD55DC

Rectangle

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



E36003



878F00



00A3FA



0086FF

Sweetspot

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



E36003



FFD2B3



E30389



806552



000000



808080

Same Dimension

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



E36003



FF6A00



E3CD03



736C67



B34A00



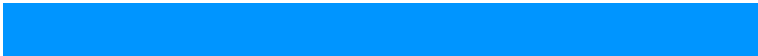
331500

Inverse Universe

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



0386E3



0095FF



0319E3



676E73



0068B3



001E33

Previews

White Background



This preview shows how the Hex color E36003 looks on a white background.

Color Contrast Check

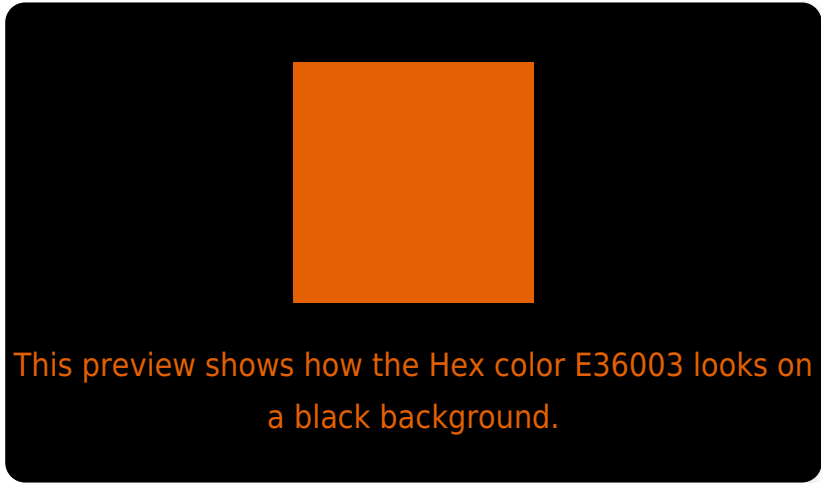
Large Text (above 18pt) WCAG AA ✓ Pass

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 E36003 Background



This preview shows how black text looks on a background with the Hex color E36003.



This preview shows how white text looks on a background with the Hex color E36003.

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
E36003

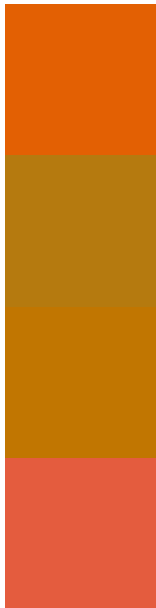
Protanopia
9A8916

Deuteranopia
AD8200



Tritanopia
E5595F

Trichromacy



Original Color
E36003

Protanomaly
B57A0F

Deuteranomaly
C17601

Tritanomaly
E45C3E

Monochromacy



Original Color
E36003

Achromatopsia
7D7D7D

Achromatomaly
A27251

CSS Examples

Text

The CSS property to change the color of the text to Hex E36003 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 #E36003 looks like.

```
.text, #text, p{  
    color:#E36003  
}
```

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 #E36003 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E36003  
}
```

Border

The CSS property to change the border of an element to Hex E36003 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  
#E36003 }
```

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

```
.border{ border-color:#E36003 }
```

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

Here you see how a box with a 4 pixel #E36003 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E36003; -webkit-box-shadow:4px 4px  
4px 4px #E36003; box-shadow:4px 4px 4px  
4px #E36003 }
```

Background

The CSS property to change the background color of an element to Hex E36003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E36003 }
```

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

```
.background{ background-color:#E36003 }
```

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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