

Converting Colors

Hex(0070E3)

Have a look what the booklet for
Hex(0070E3) contains.

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Color

Hex(0070E3)

Conversions

Conversions Part 1

Format	Color
Hex	0070E3
RGB	0, 112, 227
RGB Percent	0%, 44%, 89%
CMY	1.0000, 0.5608, 0.1098
CMYK	1.00, 0.51, 0.00, 0.11
HSL	210°, 100%, 45%
HSV	210°, 100%, 89%
XYZ	19.6593, 17.1344, 74.9442
YIQ	91.6220, -103.6670, 12.0210

Conversions

Conversions Part 2

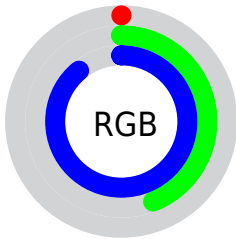
Format	Color
RYB	0, 75, 227
Decimal	28899
CIELab	48.43, 17.99, -65.50
CIELCh	48, 67.926, 285.354
Yxy	17.1344, 0.1759, 0.1533
Android (android.graphics.Color)	4278218979 (0xFF0070E3)
YUV	91.6220, 66.7414, -80.3525
Hunter-Lab	41.3937, 12.3368, -78.3702

Details

The Hex color **0070E3** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **E37300**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **69A3FF**, and **0042AB** is the 20% darker color. If you saturate the color by 10%, you get **0070E3**, and if you desaturate by 10%, it is **177CE3**.

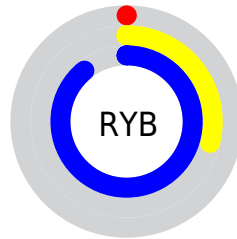
Distribution



Red (0%)

Green (44%)

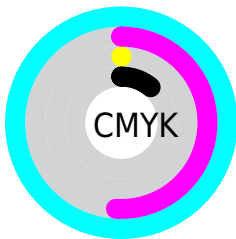
Blue (89%)



Red (0%)

Yellow (29%)

Blue (89%)

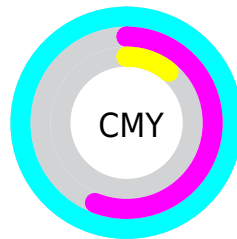


Cyan (100%)

Magenta (51%)

Yellow (0%)

Black (11%)



Cyan (100%)

Magenta (56%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0070E3 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 0070E3 by changing the saturation by 10% instead.

 0070E3

 0070E3

FFFFFF

 0058C6

 69A3FF

 0042AB

 8ABEFF

 002D8F

 AAD9FF

 001B75

 C9F6FF

 00055C

 E8FFFF

 000743

 00032C

 000116

 000000

■ 0070E3

■ 177CE3

■ 2D87E3

■ 4493E3

■ 5B9EE3

■ 72AAE3

■ 88B5E3

■ 9FC1E3

■ B6CCE3

■ CCD8E3

Harmonies

Analogous

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



0082E3



0070E3



9954C5

Triad

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



0070E3



C74A21



008A54

Complementary

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



0070E3



E37300

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.



238513



0070E3



A26600

Square

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



0070E3



D72F58



707900



008C90

Rectangle

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



0070E3



BE3EA4



707900



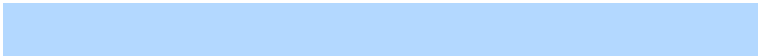
008940

Sweetspot

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



0070E3



B3D8FF



00E372



526880



000000



808080

Same Dimension

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



0070E3



007EFF



0000E3



676D73



0058B3



001933

Inverse Universe

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



E30070



FF007E



E3E300



73676D



B30058



330019

Previews

White Background



This preview shows how the Hex color 0070E3 looks on a white background.

Color Contrast Check

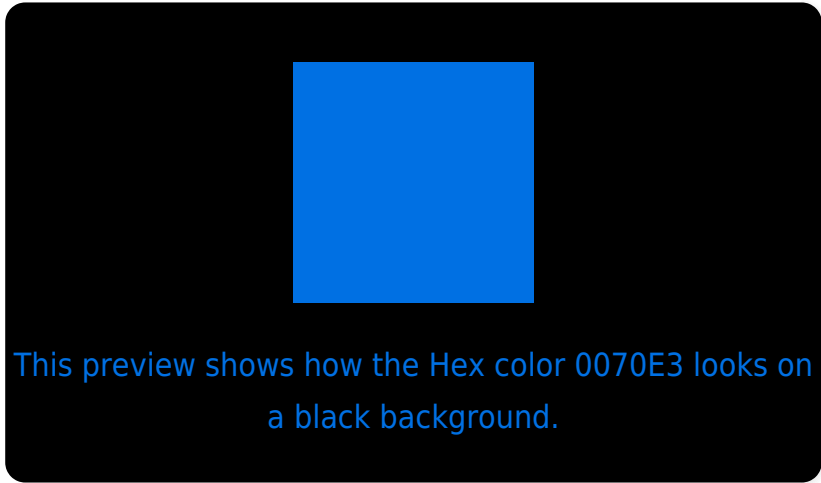
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

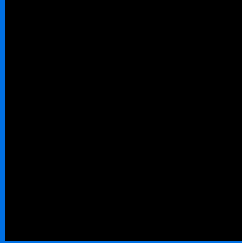
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 0070E3 Background



This preview shows how black text looks on a background with the Hex color 0070E3.



This preview shows how white text looks on a background with the Hex color 0070E3.

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
007F87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0070E3 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 #0070E3 looks like.

```
.text, #text, p{  
    color:#0070E3  
}
```

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 #0070E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0070E3
}
```

Border

The CSS property to change the border of an element to Hex 0070E3 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
#0070E3 }
```

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

```
.border{ border-color:#0070E3 }
```

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

Here you see how a box with a 4 pixel #0070E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0070E3; -webkit-box-shadow:4px 4px  
4px 4px #0070E3; box-shadow:4px 4px 4px  
4px #0070E3 }
```

Background

The CSS property to change the background color of an element to Hex 0070E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0070E3 }
```

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

```
.background{ background-color:#0070E3 }
```

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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