

Converting Colors

Hex(0070E6)

Have a look what the booklet for
Hex(0070E6) contains.

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Color

Hex(0070E6)

Conversions

Conversions Part 1

Format	Color
Hex	0070E6
RGB	0, 112, 230
RGB Percent	0%, 44%, 90%
CMY	1.0000, 0.5608, 0.0980
CMYK	1.00, 0.51, 0.00, 0.10
HSL	211°, 100%, 45%
HSV	211°, 100%, 90%
XYZ	20.0771, 17.3015, 77.1443
YIQ	91.9640, -104.6300, 12.9540

Conversions

Conversions Part 2

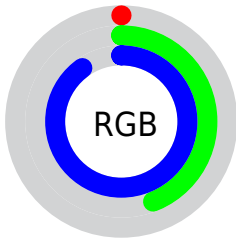
Format	Color
RYB	0, 75, 230
Decimal	28902
CIELab	48.64, 19.17, -66.85
CIElCh	49, 69.546, 285.997
Yxy	17.3015, 0.1753, 0.1511
Android (android.graphics.Color)	4278218982 (0xFF0070E6)
YUV	91.9640, 68.0517, -80.6524
Hunter-Lab	41.5951, 13.3669, -80.8455

Details

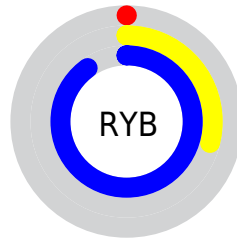
The Hex color **0070E6** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **E67600**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **6AA3FF**, and **0042AD** is the 20% darker color. If you saturate the color by 10%, you get **0070E6**, and if you desaturate by 10%, it is **177CE6**.

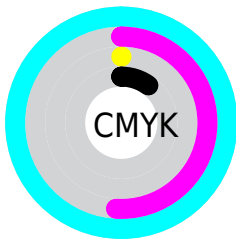
Distribution



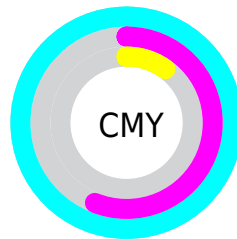
- Red (0%)
- Green (44%)
- Blue (90%)



- Red (0%)
- Yellow (29%)
- Blue (90%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (56%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0070E6 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 0070E6 by changing the saturation by 10% instead.

 0070E6

 0070E6

FFFFFF

 0058C9

 6AA3FF

 0042AD

 8BBEFF

 002D92

 ABD9FF

 001B78

 CAF6FF

 00045E

 EAFFFF

 000845

 00042E

 000119

 000000

■ 0070E6

■ 177CE6

■ 2E88E6

■ 4593E6

■ 5C9FE6

■ 73ABE6

■ 8AB7E6

■ A1C3E6

■ B8CEE6

■ CFDAE6

Harmonies

Analogous

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



0082E7



0070E6



9C53C6

Triad

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



0070E6



C84A1E



008B55

Complementary

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



0070E6



E67600

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.



1B8612



0070E6



A26700

Square

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



0070E6



D92C57



6F7B00



008D92

Rectangle

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



0070E6



C13CA5



6F7B00



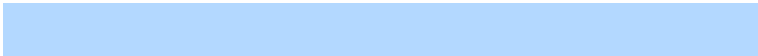
008A40

Sweetspot

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



0070E6



B3D8FF



00E673



526880



000000



808080

Same Dimension

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



0070E6



007CFF



0000E6



676D73



0057B3



001933

Inverse Universe

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



E60070



FF007C



E6E600



73676D



B30057



330019

Previews

White Background



This preview shows how the Hex color 0070E6 looks on a white background.

Color Contrast Check

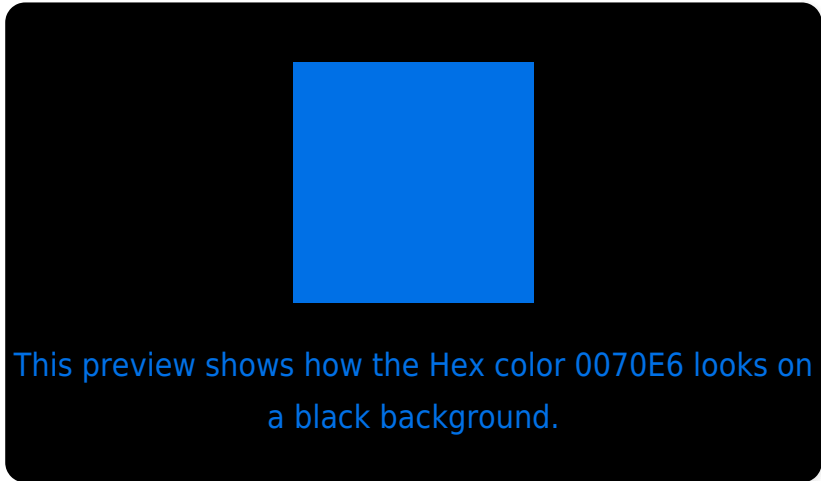
Large Text (above 18pt) WCAG AA ✓ Pass

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

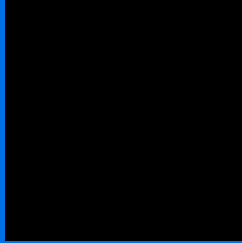
Any Text WCAG AA × Fail

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 0070E6 Background



This preview shows how black text looks on a background with the Hex color 0070E6.



This preview shows how white text looks on a background with the Hex color 0070E6.

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](#).

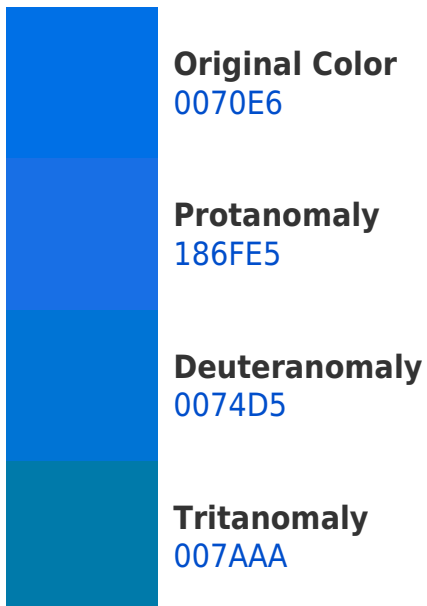
Dichromacy





Tritanopia
008088

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0070E6 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 #0070E6 looks like.

```
.text, #text, p{  
    color:#0070E6  
}
```

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 #0070E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0070E6
}
```

Border

The CSS property to change the border of an element to Hex 0070E6 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
#0070E6 }
```

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

```
.border{ border-color:#0070E6 }
```

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

Here you see how a box with a 4 pixel #0070E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0070E6; -webkit-box-shadow:4px 4px  
4px 4px #0070E6; box-shadow:4px 4px 4px  
4px #0070E6 }
```

Background

The CSS property to change the background color of an element to Hex 0070E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0070E6 }
```

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

```
.background{ background-color:#0070E6 }
```

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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