

Converting Colors

Hex(0060E0)

Have a look what the booklet for
Hex(0060E0) contains.

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Color

Hex(0060E0)

Conversions

Conversions Part 1

Format	Color
Hex	0060E0
RGB	0, 96, 224
RGB Percent	0%, 38%, 88%
CMY	1.0000, 0.6235, 0.1216
CMYK	1.00, 0.57, 0.00, 0.12
HSL	214°, 100%, 44%
HSV	214°, 100%, 88%
XYZ	17.6374, 13.7476, 72.2450
YIQ	81.8880, -98.3040, 19.4560

Conversions

Conversions Part 2

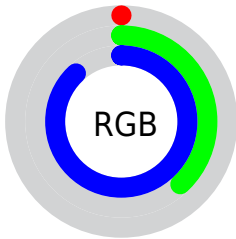
Format	Color
RYB	0, 67, 224
Decimal	24800
CIELab	43.87, 27.14, -71.22
CIELCh	44, 76.213, 290.858
Yxy	13.7476, 0.1702, 0.1327
Android (android.graphics.Color)	4278214880 (0xFF0060E0)
YUV	81.8880, 70.0612, -71.8158
Hunter-Lab	37.0777, 20.0243, -89.5707

Details

The Hex color **0060E0** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **E08000**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6992FF**, and **0033A8** is the 20% darker color. If you saturate the color by 10%, you get **0060E0**, and if you desaturate by 10%, it is **166DE0**.

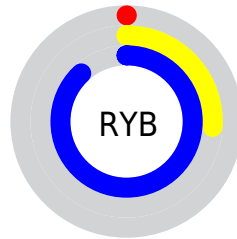
Distribution



Red (0%)

Green (38%)

Blue (88%)



Red (0%)

Yellow (26%)

Blue (88%)

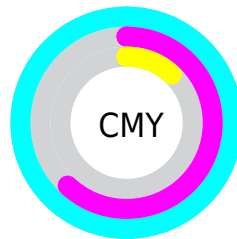


Cyan (100%)

Magenta (57%)

Yellow (0%)

Black (12%)



Cyan (100%)

Magenta (62%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0060E0 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 0060E0 by changing the saturation by 10% instead.

0060E0

0060E0

FFFFFF

0049C3

6992FF

0033A8

8AACFF

00208C

AAC7FF

000D72

C9E3FF

000C59

E8FFFF

000740

000329

000113

000000

■ 0060E0

■ 166DE0

■ 2D7AE0

■ 4386E0

■ 5A93E0

■ 70A0E0

■ 86ADE0

■ 9DBAE0

■ B3C6E0

■ CAD3E0

Harmonies

Analogous

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



0076E7



0060E0



9E3AB9

Triad

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



0060E0



BA3D00



008052

Complementary

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



0060E0



E08000

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.



007C00



0060E0



8F5E00

Square

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



0060E0



D1003F



557200



008293

Rectangle

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



0060E0



C10F93



557200



007F3B

Sweetspot

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



0060E0



B3D3FF



00E07F



526580



000000



808080

Same Dimension

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



0060E0



006DFF



0F00E0



656A70



004BB0



001530

Inverse Universe

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



E00060



FF006D



D1E000



70656A



B0004B



300015

Previews

White Background



This preview shows how the Hex color 0060E0 looks on a white background.

Color Contrast Check

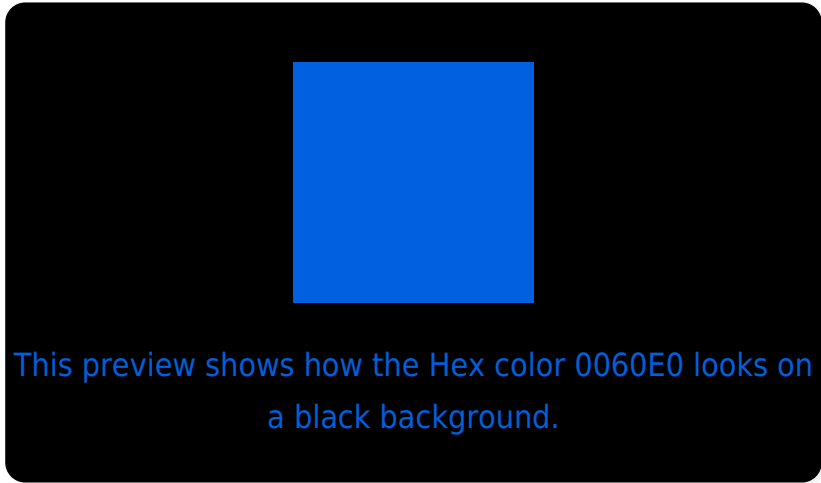
Large Text (above 18pt) WCAG AA ✓ Pass

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 0060E0 Background



This preview shows how black text looks on a background with the Hex color 0060E0.

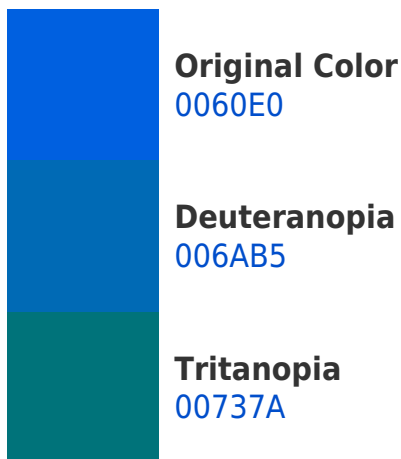


This preview shows how white text looks on a background with the Hex color 0060E0.

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



Trichromacy



Original Color
0060E0

Deuteranomaly
0066C5

Tritanomaly
006C9F

Monochromacy



Original Color
0060E0

Achromatopsia
525252

Achromatomaly
345786

CSS Examples

Text

The CSS property to change the color of the text to Hex 0060E0 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 #0060E0 looks like.

```
.text, #text, p{  
    color:#0060E0  
}
```

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 #0060E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0060E0
}
```

Border

The CSS property to change the border of an element to Hex 0060E0 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
#0060E0 }
```

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

```
.border{ border-color:#0060E0 }
```

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

Here you see how a box with a 4 pixel #0060E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0060E0; -webkit-box-shadow:4px 4px  
4px 4px #0060E0; box-shadow:4px 4px 4px  
4px #0060E0 }
```

Background

The CSS property to change the background color of an element to Hex 0060E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0060E0 }
```

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

```
.background{ background-color:#0060E0 }
```

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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