

Converting Colors

Hex(0060E9)

Have a look what the booklet for
Hex(0060E9) contains.

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Color

Hex(0060E9)

Conversions

Conversions Part 1	
Format	Color
Hex	0060E9
RGB	0, 96, 233
RGB Percent	0%, 38%, 91%
CMY	1.0000, 0.6235, 0.0863
CMYK	1.00, 0.59, 0.00, 0.09
HSL	215°, 100%, 46%
HSV	215°, 100%, 91%
XYZ	18.8909, 14.2489, 78.8455
YIQ	82.9140, -101.1930, 22.2550

Conversions

Conversions Part 2

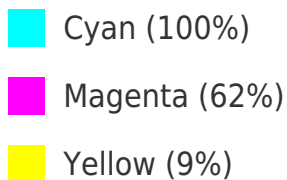
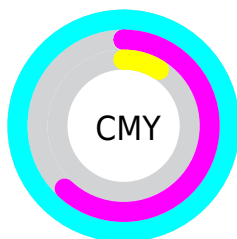
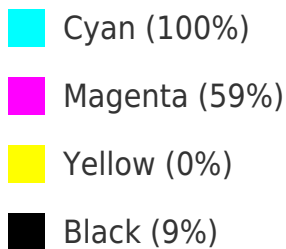
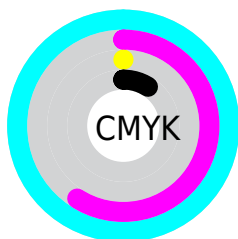
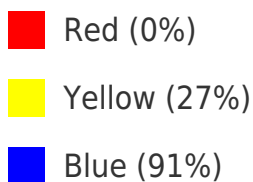
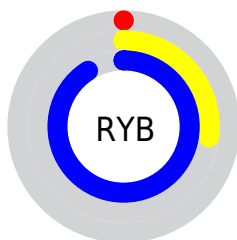
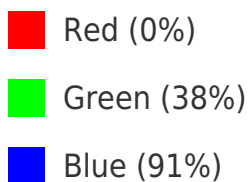
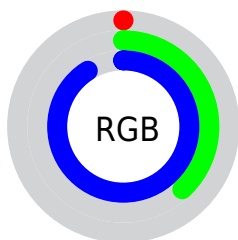
Format	Color
RYB	0, 68, 233
Decimal	24809
CIELab	44.59, 30.64, -75.14
CIELCh	45, 81.143, 292.184
Yxy	14.2489, 0.1687, 0.1272
Android (android.graphics.Color)	4278214889 (0xFF0060E9)
YUV	82.9140, 73.9924, -72.7156
Hunter-Lab	37.7478, 23.2717, -97.4183

Details

The Hex color **0060E9** 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 **E98900**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6C92FF**, and **0033B0** is the 20% darker color. If you saturate the color by 10%, you get **0060E9**, and if you desaturate by 10%, it is **176EE9**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 0060E9 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 0060E9 by changing the saturation by 10% instead.



0060E9



0060E9

FFFFFF



0049CC



6C92FF



0033B0



8DACFF



002095



ADC7FF



000F7A



CDE3FF



000960



EDFFFF



000847



000430




00011A



000000

 0060E9

 176EE9

 2F7BE9

 4689E9

 5D97E9

 75A4E9

 8CB2E9

 A3C0E9

 BACEE9

 D2DBE9

Harmonies

Analogous

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



0078F2



0060E9



A634BE

Triad

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



0060E9



BE3D00



008355

Complementary

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



0060E9



E98900

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.



007F00



0060E9



906100

Square

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



0060E9



D9003C



517500



00859B

Rectangle

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



0060E9



CA0094



517500



00823D

Sweetspot

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



0060E9



B3D2FF



00E988



526580



000000



808080

Same Dimension

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



0060E9



0069FF



1300E9



6A6E75



004BB5



001636

Inverse Universe

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



E90060



FF0069



D6E900



756A6E



B5004B



360016

Previews

White Background



This preview shows how the Hex color 0060E9 looks on a white background.

Color Contrast Check

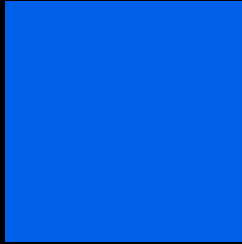
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0060E9 looks on a 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 0060E9 Background



This preview shows how black text looks on a background with the Hex color 0060E9.



This preview shows how white text looks on a background with the Hex color 0060E9.

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

0060E9

Protanopia

0065D6

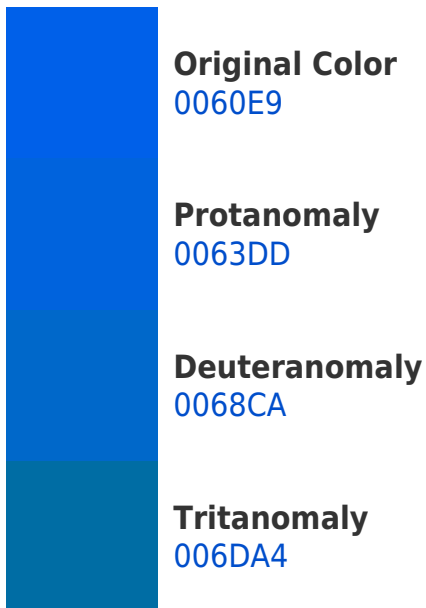
Deuteranopia

006CB8

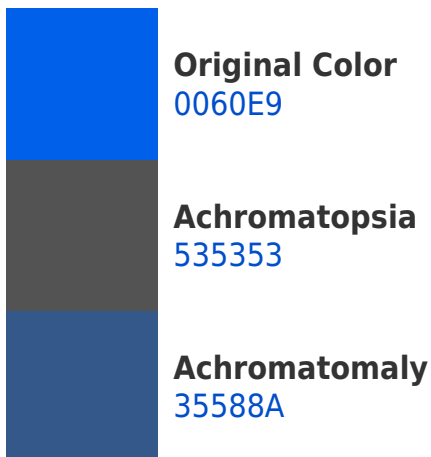


Tritanopia
00757C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0060E9 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 #0060E9 looks like.

```
.text, #text, p{  
    color:#0060E9  
}
```

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 #0060E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0060E9
}
```

Border

The CSS property to change the border of an element to Hex 0060E9 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
#0060E9 }
```

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

```
.border{ border-color:#0060E9 }
```

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

Here you see how a box with a 4 pixel #0060E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0060E9; -webkit-box-shadow:4px 4px  
4px 4px #0060E9; box-shadow:4px 4px 4px  
4px #0060E9 }
```

Background

The CSS property to change the background color of an element to Hex 0060E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0060E9 }
```

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

```
.background{ background-color:#0060E9 }
```

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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