

Converting Colors

Hex(0056E9)

Have a look what the booklet for
Hex(0056E9) contains.

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Color

Hex(0056E9)

Conversions

Conversions Part 1

Format	Color
Hex	0056E9
RGB	0, 86, 233
RGB Percent	0%, 34%, 91%
CMY	1.0000, 0.6627, 0.0863
CMYK	1.00, 0.63, 0.00, 0.09
HSL	218°, 100%, 46%
HSV	218°, 100%, 91%
XYZ	18.0358, 12.5388, 78.5604
YIQ	77.0440, -98.4430, 27.4850

Conversions

Conversions Part 2

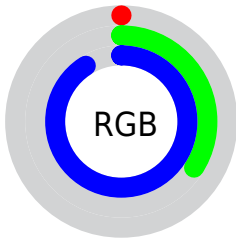
Format	Color
R _Y B	0, 63, 233
Decimal	22249
CIE Lab	42.06, 37.06, -79.28
CIE LCh	42, 87.514, 295.057
Yxy	12.5388, 0.1653, 0.1149
Android (android.graphics.Color)	4278212329 (0xFF0056E9)
YUV	77.0440, 76.8863, -67.5676
Hunter-Lab	35.4101, 28.9494, -106.7529

Details

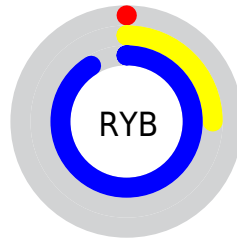
The Hex color **0056E9** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **E99300**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **6D87FF**, and **002AB0** is the 20% darker color. If you saturate the color by 10%, you get **0056E9**, and if you desaturate by 10%, it is **1765E9**.

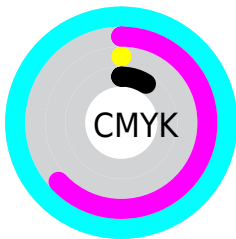
Distribution



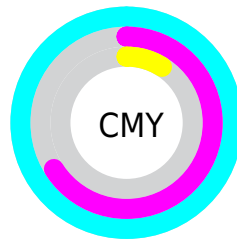
- Red (0%)
- Green (34%)
- Blue (91%)



- Red (0%)
- Yellow (25%)
- Blue (91%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (66%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0056E9 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 0056E9 by changing the saturation by 10% instead.

 0056E9

 0056E9

FFFFFF

 003FCC

 6D87FF

 002AB0

 8EA1FF

 001894

 AFBCFF

 00027A

 CED8FF

 000D60

 EEF4FF


 000847

 000430

 00011A

 000000

 0056E9

 1765E9

 2F73E9

 4682E9

 5D91E9

 759FE9

 8CAEE9

 A3BDE9

 BACCE9

 D2DAE9

Harmonies

Analogous

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



0072F6



0056E9



AA17B7

Triad

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



0056E9



B73500



007E55

Complementary

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



0056E9



E99300

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.



007A00



0056E9



845D00

Square

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



0056E9



D6002C



3D7100



007F9F

Rectangle

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



0056E9



CC008A



3D7100



007D3B

Sweetspot

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



0056E9



B3CFFF



00E990



526380



000000



808080

Same Dimension

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



0056E9



005EFF



1B00E9



6A6E75



0043B5



001436

Inverse Universe

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



E90056



FF005E



CEE900



756A6E



B50043



360014

Previews

White Background



This preview shows how the Hex color 0056E9 looks on a white background.

Color Contrast Check

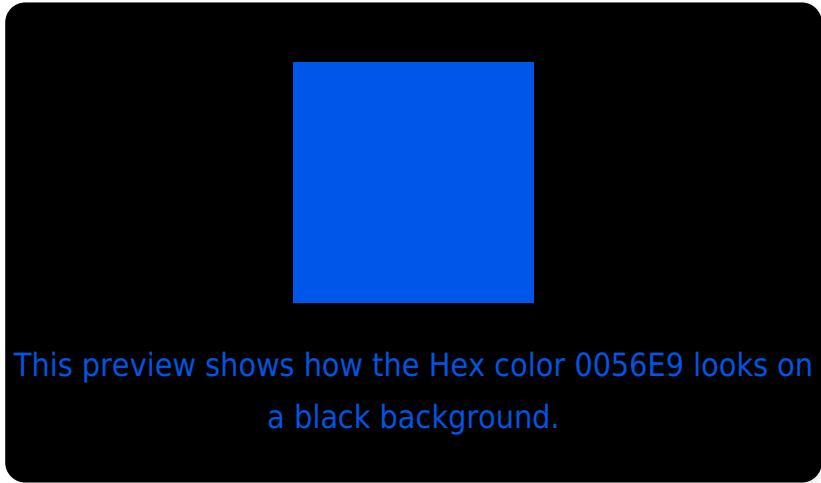
Large Text (above 18pt) WCAG AA ✓ Pass

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 0056E9 Background



This preview shows how black text looks on a background with the Hex color 0056E9.



This preview shows how white text looks on a background with the Hex color 0056E9.

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
006E74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0056E9 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 #0056E9 looks like.

```
.text, #text, p{  
    color:#0056E9  
}
```

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 #0056E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0056E9
}
```

Border

The CSS property to change the border of an element to Hex 0056E9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

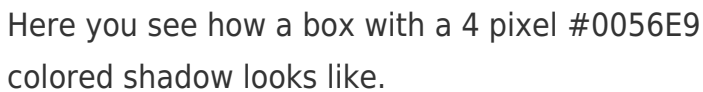
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0056E9 }
```

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

```
.border{ border-color:#0056E9 }
```

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



Here you see how a box with a 4 pixel #0056E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0056E9; -webkit-box-shadow:4px 4px  
4px 4px #0056E9; box-shadow:4px 4px 4px  
4px #0056E9 }
```

Background

The CSS property to change the background color of an element to Hex 0056E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0056E9 }
```

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

```
.background{ background-color:#0056E9 }
```

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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