

Converting Colors

Hex(0056E7)

Have a look what the booklet for
Hex(0056E7) contains.

Hex(0056E7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0056E7)

Conversions

Conversions Part 1

Format	Color
Hex	0056E7
RGB	0, 86, 231
RGB Percent	0%, 34%, 91%
CMY	1.0000, 0.6627, 0.0941
CMYK	1.00, 0.63, 0.00, 0.09
HSL	218°, 100%, 45%
HSV	218°, 100%, 91%
XYZ	17.7516, 12.4251, 77.0640
YIQ	76.8160, -97.8010, 26.8630

Conversions

Conversions Part 2

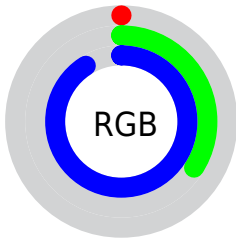
Format	Color
R _Y B	0, 63, 231
Decimal	22247
CIE Lab	41.88, 36.31, -78.44
CIE LCh	42, 86.430, 294.838
Yxy	12.4251, 0.1655, 0.1159
Android (android.graphics.Color)	4278212327 (0xFF0056E7)
YUV	76.8160, 76.0127, -67.3676
Hunter-Lab	35.2493, 28.2068, -104.9488

Details

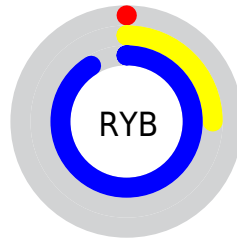
The Hex color **0056E7** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **E79100**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **6C87FF**, and **002AAE** is the 20% darker color. If you saturate the color by 10%, you get **0056E7**, and if you desaturate by 10%, it is **1765E7**.

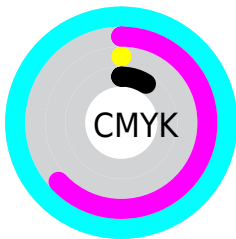
Distribution



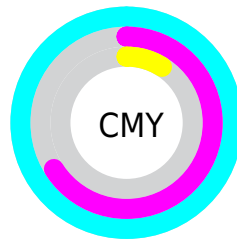
- Red (0%)
- Green (34%)
- Blue (91%)



- 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 0056E7 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 0056E7 by changing the saturation by 10% instead.

 0056E7

FFFFFF

 6C87FF

 8EA1FF

 AEBCFF

 CDD8FF

 EDF4FF

 0056E7

 003FCA

 002AAE

 001893

 000278

 000D5E

 000845

 00042E

 000118

 000000

■ 0056E7

■ 1765E7

■ 2E73E7

■ 4582E7

■ 5C90E7

■ 749FE7

■ 8BADE7

■ A2BBE7

■ B9CAE7

■ D0D9E7

Harmonies

Analogous

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



0071F4



0056E7



A81AB6

Triad

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



0056E7



B63500



007D54

Complementary

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



0056E7



E79100

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.



007900



0056E7



835C00

Square

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



0056E7



D4002D



3E7000



007F9D

Rectangle

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



0056E7



CA008A



3E7000



007C3A

Sweetspot

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



0056E7



B3CFFF



00E78E



526380



000000



808080

Same Dimension

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



0056E7



005FFF



1B00E7



676C73



0042B3



001333

Inverse Universe

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



E70056



FF005F



CCE700



73676C



B30042



330013

Previews

White Background



This preview shows how the Hex color 0056E7 looks on a white background.

Color Contrast Check

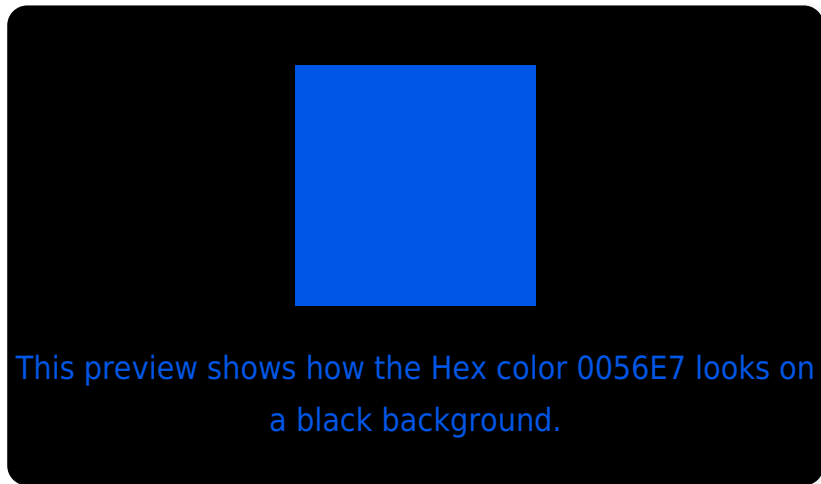
Large Text (above 18pt) WCAG AA ✓ Pass

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

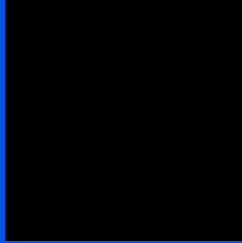
Any Text WCAG AA × Fail

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 0056E7 Background



This preview shows how black text looks on a background with the Hex color 0056E7.

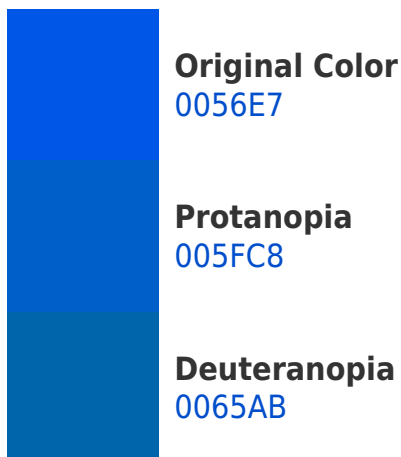


This preview shows how white text looks on a background with the Hex color 0056E7.

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](#).

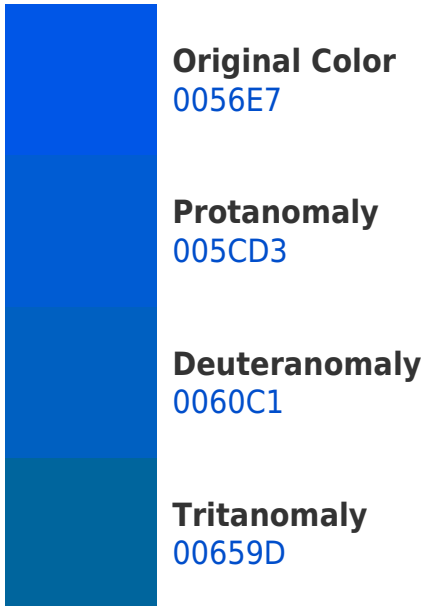
Dichromacy





Tritanopia
006D73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0056E7 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 #0056E7 looks like.

```
.text, #text, p{  
    color:#0056E7  
}
```

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 #0056E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0056E7
}
```

Border

The CSS property to change the border of an element to Hex 0056E7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

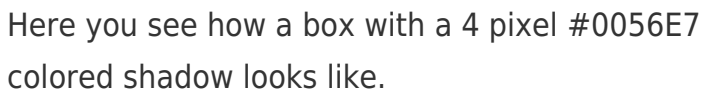
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0056E7 }
```

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

```
.border{ border-color:#0056E7 }
```

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



Here you see how a box with a 4 pixel #0056E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0056E7; -webkit-box-shadow:4px 4px  
4px 4px #0056E7; box-shadow:4px 4px 4px  
4px #0056E7 }
```

Background

The CSS property to change the background color of an element to Hex 0056E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0056E7 }
```

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

```
.background{ background-color:#0056E7 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor