

# Converting Colors

Hex(0561E7)

Have a look what the booklet for  
Hex(0561E7) contains.

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**Color**

**Hex(0561E7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0561E7
RGB	5, 97, 231
RGB Percent	2%, 38%, 91%
CMY	0.9804, 0.6196, 0.0941
CMYK	0.98, 0.58, 0.00, 0.09
HSL	216°, 96%, 46%
HSV	216°, 98%, 91%
XYZ	18.7611, 14.3512, 77.3825
YIQ	84.7680, -97.8460, 22.1700

# Conversions

## Conversions Part 2

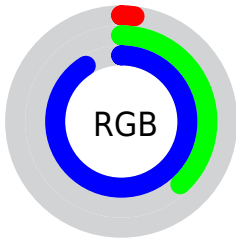
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 70, 231
Decimal	352743
CIELab	44.73, 29.35, -73.77
CIELCh	45, 79.392, 291.693
Yxy	14.3512, 0.1698, 0.1299
Android (android.graphics.Color)	4278542823 (0xFF0561E7)
YUV	84.7680, 72.0924, -69.9565
Hunter-Lab	37.8829, 22.1049, -94.5921

# Details

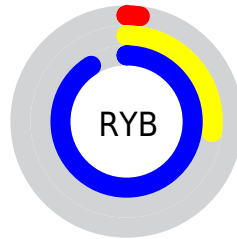
The Hex color **0561E7** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **E78B05**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6C93FF**, and **0034AE** is the 20% darker color. If you saturate the color by 10%, you get **005EE7**, and if you desaturate by 10%, it is **1C6FE7**.

# Distribution



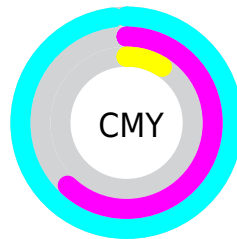
- Red (2%)
- Green (38%)
- Blue (91%)



- Red (2%)
- Yellow (27%)
- Blue (91%)



- Cyan (98%)
- Magenta (58%)
- Yellow (0%)
- Black (9%)



- Cyan (98%)
- Magenta (62%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0561E7 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 0561E7 by changing the saturation by 10% instead.



 0561E7

 0561E7

FFFFFF

 004ACA

 6C93FF

 0034AE

 8DADFF

 002193

 ADC8FF

 000F78

 CDE4FF

 00095E

 ECFFFF

 000846

 00042E

 000119

 000000

■ 0561E7

■ 0561E7

■ 005EE7

■ 1C6FE7

■ 337CE7

■ 4A8AE7

■ 6198E7

■ 79A5E7

■ 90B3E7

■ A7C1E7

■ BECFE7

■ D5DCE7

# Harmonies

## Analogous

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



0078EF



0561E7



A438BD

# Triad

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



0561E7



BE3E00



008355

# Complementary

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



0561E7



E78B05

# 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



0561E7



916100

# Square

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



0561E7



D7003E



547500



008599

# Rectangle

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



0561E7



C80095



547500



00823D



# Sweetspot

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



0561E7



B5D3FF



05E789



536580



000000



808080



# Same Dimension

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



0561E7



0068FF



1805E7



676C73



0049B3



001533



# Inverse Universe

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



E70561



FF0068



D4E705



73676C



B30049



330015



# Previews

## White Background



This preview shows how the Hex color 0561E7 looks on a white background.

## Color Contrast Check

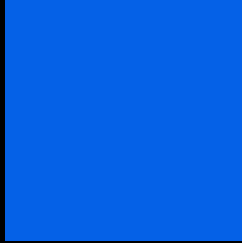
Large Text (above 18pt) WCAG AA ✓ Pass

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 0561E7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

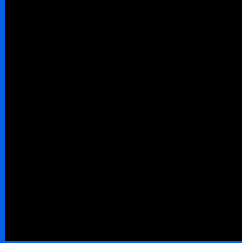
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0561E7 Background



This preview shows how black text looks on a background with the Hex color 0561E7.

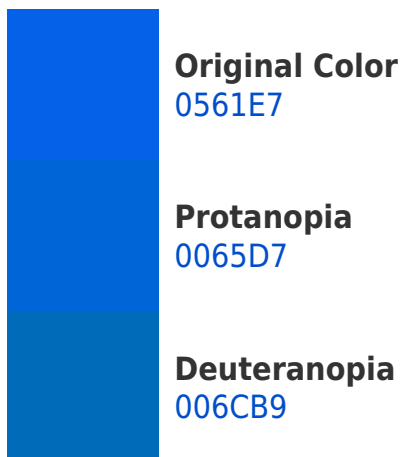


This preview shows how white text looks on a background with the Hex color 0561E7.

# 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**  
00757C

# Trichromacy



**Original Color**  
0561E7

**Protanomaly**  
0264DD

**Deuteranomaly**  
0268CA

**Tritanomaly**  
026EA3

# Monochromacy



**Original Color**  
0561E7

**Achromatopsia**  
555555

**Achromatomaly**  
38598A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0561E7 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 #0561E7 looks like.

```
.text, #text, p{  
    color:#0561E7  
}
```

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 #0561E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0561E7
}
```

## Border

The CSS property to change the border of an element to Hex 0561E7 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
#0561E7 }
```

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

```
.border{ border-color:#0561E7 }
```

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

Here you see how a box with a 4 pixel #0561E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0561E7; -webkit-box-shadow:4px 4px  
4px 4px #0561E7; box-shadow:4px 4px 4px  
4px #0561E7 }
```

# Background

The CSS property to change the background color of an element to Hex 0561E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0561E7 }
```

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

```
.background{ background-color:#0561E7 }
```

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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