

Converting Colors

Hex(0065E0)

Have a look what the booklet for
Hex(0065E0) contains.

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Color

Hex(0065E0)

Conversions

Conversions Part 1

Format	Color
Hex	0065E0
RGB	0, 101, 224
RGB Percent	0%, 40%, 88%
CMY	1.0000, 0.6039, 0.1216
CMYK	1.00, 0.55, 0.00, 0.12
HSL	213°, 100%, 44%
HSV	213°, 100%, 88%
XYZ	18.1082, 14.6892, 72.4019
YIQ	84.8230, -99.6790, 16.8410

Conversions

Conversions Part 2

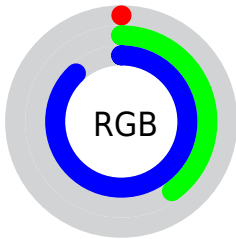
Format	Color
RYB	0, 70, 224
Decimal	26080
CIELab	45.21, 23.89, -69.04
CIELCh	45, 73.056, 289.087
Yxy	14.6892, 0.1721, 0.1396
Android (android.graphics.Color)	4278216160 (0xFF0065E0)
YUV	84.8230, 68.6143, -74.3898
Hunter-Lab	38.3265, 17.2651, -85.1752

Details

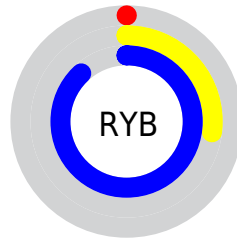
The Hex color **0065E0** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **E07B00**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6997FF**, and **0038A8** is the 20% darker color. If you saturate the color by 10%, you get **0065E0**, and if you desaturate by 10%, it is **1671E0**.

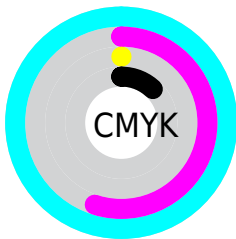
Distribution



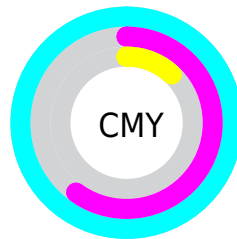
- Red (0%)
- Green (40%)
- Blue (88%)



- Red (0%)
- Yellow (27%)
- Blue (88%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (60%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0065E0 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 0065E0 by changing the saturation by 10% instead.

 0065E0

 0065E0

FFFFFF

 004EC3

 6997FF

 0038A8

 8AB2FF

 00248D

 A9CDFF

 001272

 C9E9FF

 000A59

 E8FFFF

 000740

 000329

 000113

 000000

■ 0065E0

■ 1671E0

■ 2D7EE0

■ 438AE0

■ 5A96E0

■ 70A3E0

■ 86AFE0

■ 9DBBE0

■ B3C7E0

■ CAD4E0

Harmonies

Analogous

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



0079E4



0065E0



9B43BC

Triad

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



0065E0



BD4104



008352

Complementary

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



0065E0



E07B00

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.



007E05



0065E0



956000

Square

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



0065E0



D21448



5E7400



008591

Rectangle

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



0065E0



BF2598



5E7400



00823C

Sweetspot

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



0065E0



B3D5FF



00E077



526680



000000



808080

Same Dimension

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



0065E0



0073FF



0700E0



656A70



004FB0



001630

Inverse Universe

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



E00065



FF0073



D9E000



70656A



B0004F



300016

Previews

White Background



This preview shows how the Hex color 0065E0 looks on a white background.

Color Contrast Check

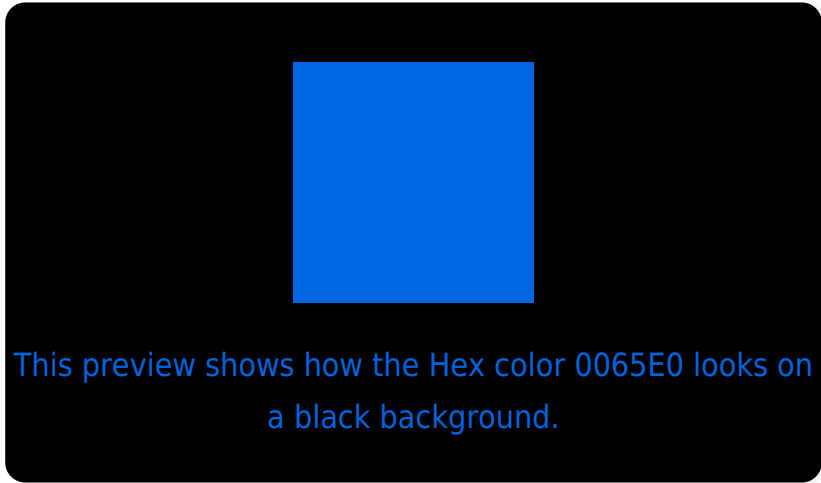
Large Text (above 18pt) WCAG AA ✓ Pass

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

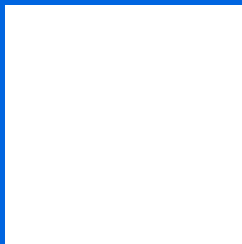
Any Text WCAG AAA × Fail

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

Hex 0065E0 Background



This preview shows how black text looks on a background with the Hex color 0065E0.



This preview shows how white text looks on a background with the Hex color 0065E0.

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

0065E0

Protanopia

0067DA

Deuteranopia

006DBC



Tritanopia
00767E

Trichromacy



Original Color
0065E0

Protanomaly
0066DC

Deuteranomaly
006AC9

Tritanomaly
0070A2

Monochromacy



Original Color
0065E0

Achromatopsia
555555

Achromatomaly
365B88

CSS Examples

Text

The CSS property to change the color of the text to Hex 0065E0 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 #0065E0 looks like.

```
.text, #text, p{  
    color:#0065E0  
}
```

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 #0065E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0065E0
}
```

Border

The CSS property to change the border of an element to Hex 0065E0 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
#0065E0 }
```

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

```
.border{ border-color:#0065E0 }
```

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

Here you see how a box with a 4 pixel #0065E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0065E0; -webkit-box-shadow:4px 4px  
4px 4px #0065E0; box-shadow:4px 4px 4px  
4px #0065E0 }
```

Background

The CSS property to change the background color of an element to Hex 0065E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0065E0 }
```

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

```
.background{ background-color:#0065E0 }
```

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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