

Converting Colors

Hex(0075E1)

Have a look what the booklet for
Hex(0075E1) contains.

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Color

Hex(0075E1)

Conversions

Conversions Part 1

Format	Color
Hex	0075E1
RGB	0, 117, 225
RGB Percent	0%, 46%, 88%
CMY	1.0000, 0.5412, 0.1176
CMYK	1.00, 0.48, 0.00, 0.12
HSL	209°, 100%, 44%
HSV	209°, 100%, 88%
XYZ	19.9519, 18.1588, 73.6876
YIQ	94.3290, -104.4000, 8.7840

Conversions

Conversions Part 2

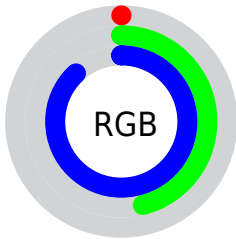
Format	Color
RYB	0, 77, 225
Decimal	30177
CIELab	49.69, 14.02, -62.34
CIELCh	50, 63.895, 282.673
Yxy	18.1588, 0.1785, 0.1624
Android (android.graphics.Color)	4278220257 (0xFF0075E1)
YUV	94.3290, 64.4208, -82.7265
Hunter-Lab	42.6132, 9.0024, -72.6963

Details

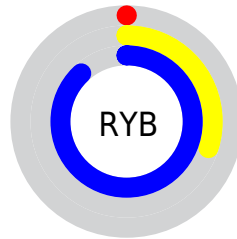
The Hex color **0075E1** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **E16C00**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **68A8FF**, and **0046A9** is the 20% darker color. If you saturate the color by 10%, you get **0075E1**, and if you desaturate by 10%, it is **1680E1**.

Distribution



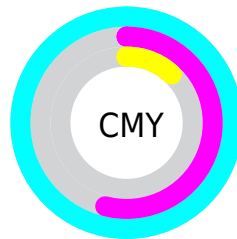
- Red (0%)
- Green (46%)
- Blue (88%)



- Red (0%)
- Yellow (30%)
- Blue (88%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (54%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0075E1 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 0075E1 by changing the saturation by 10% instead.

 0075E1

 0075E1

FFFFFF

 005DC5

 68A8FF

 0046A9

 89C3FF

 00318E

 A9DFFF

 001E73


 C8FCFF

 00035A

 E7FFFF

 000742

 00032B

 000115

 000000

■ 0075E1

■ 1680E1

■ 2D8BE1

■ 4495E1

■ 5AA0E1

■ 71ABE1

■ 87B6E1

■ 9DC1E1

■ B4CBE1

■ CBD6E1

Harmonies

Analogous

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



0085DE



0075E1



955CC7

Triad

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



0075E1



C94F2E



008D54

Complementary

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



0075E1



E16C00

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.



39871B



0075E1



A86800

Square

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



0075E1



D63A62



797B00



008F8C

Rectangle

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



0075E1



BA4AA9



797B00



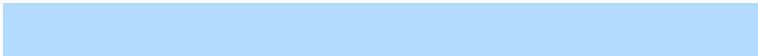
008B41

Sweetspot

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



0075E1



B3DAFF



00E169



526980



000000



808080

Same Dimension

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



0075E1



0085FF



0007E1



656B70



005BB0



001930

Inverse Universe

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



E10075



FF0085



E1DA00



70656B



B0005B



300019

Previews

White Background



This preview shows how the Hex color 0075E1 looks on a white background.

Color Contrast Check

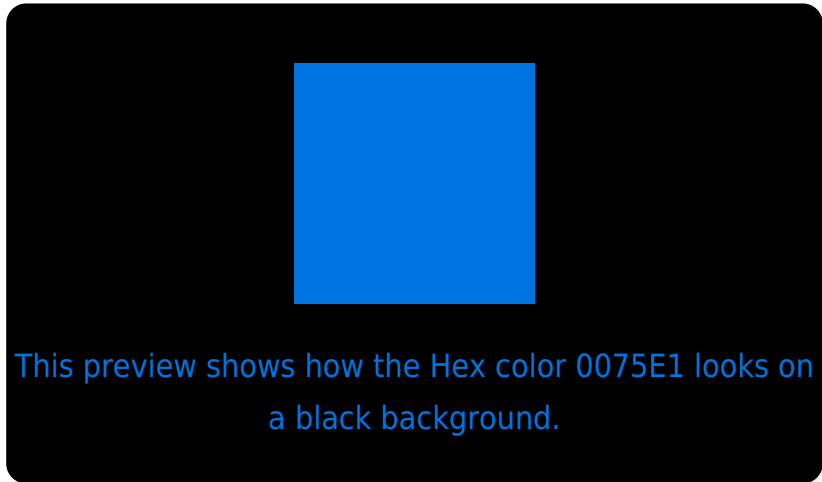
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

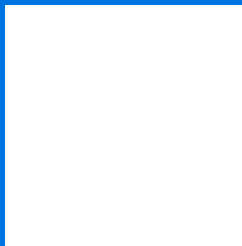
Any Text WCAG AAA × Fail

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

Hex 0075E1 Background



This preview shows how black text looks on a background with the Hex color 0075E1.



This preview shows how white text looks on a background with the Hex color 0075E1.

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](#).

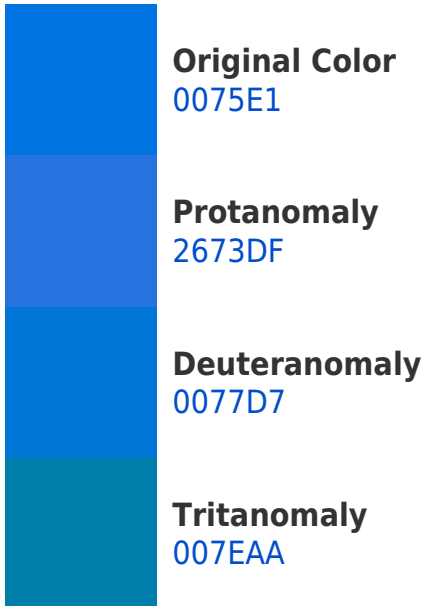
Dichromacy





Tritanopia
00838B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0075E1 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 #0075E1 looks like.

```
.text, #text, p{  
    color:#0075E1  
}
```

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 #0075E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0075E1
}
```

Border

The CSS property to change the border of an element to Hex 0075E1 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
#0075E1 }
```

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

```
.border{ border-color:#0075E1 }
```

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

Here you see how a box with a 4 pixel #0075E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0075E1; -webkit-box-shadow:4px 4px  
4px 4px #0075E1; box-shadow:4px 4px 4px  
4px #0075E1 }
```

Background

The CSS property to change the background color of an element to Hex 0075E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0075E1 }
```

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

```
.background{ background-color:#0075E1 }
```

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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