

Converting Colors

Hex(0076E2)

Have a look what the booklet for
Hex(0076E2) contains.

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Color

Hex(0076E2)

Conversions

Conversions Part 1

Format	Color
Hex	0076E2
RGB	0, 118, 226
RGB Percent	0%, 46%, 89%
CMY	1.0000, 0.5373, 0.1137
CMYK	1.00, 0.48, 0.00, 0.11
HSL	209°, 100%, 44%
HSV	209°, 100%, 89%
XYZ	20.2059, 18.4479, 74.4473
YIQ	95.0300, -104.9960, 8.5720

Conversions

Conversions Part 2

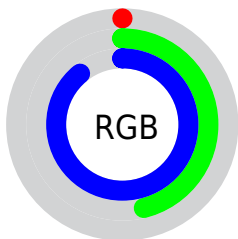
Format	Color
R _{YB}	0, 78, 226
Decimal	30434
CIE _{Lab}	50.03, 13.78, -62.34
CIE _{LCh}	50, 63.846, 282.464
Y _{xy}	18.4479, 0.1787, 0.1631
Android (android.graphics.Color)	4278220514 (0xFF0076E2)
Y _{UV}	95.0300, 64.5682, -83.3413
Hunter-Lab	42.9510, 8.8096, -72.7023

Details

The Hex color **0076E2** 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 **E26C00**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **69A9FF**, and **0047AA** is the 20% darker color. If you saturate the color by 10%, you get **0076E2**, and if you desaturate by 10%, it is **1781E2**.

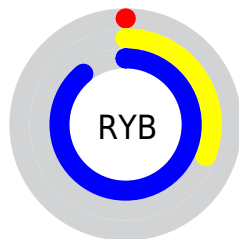
Distribution



Red (0%)

Green (46%)

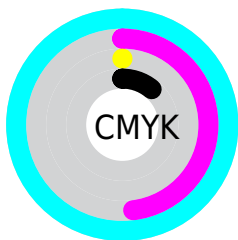
Blue (89%)



Red (0%)

Yellow (31%)

Blue (89%)

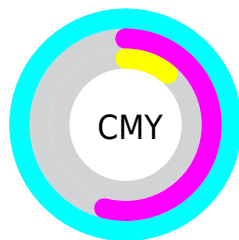


Cyan (100%)

Magenta (48%)

Yellow (0%)

Black (11%)



Cyan (100%)

Magenta (54%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0076E2 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 0076E2 by changing the saturation by 10% instead.

 0076E2

 0076E2

FFFFFF

 005EC6

 69A9FF

 0047AA

 8AC4FF

 00328F

 A9E0FF

 001F74

 C8FDFF

 00035B

 E8FFFF

 000743

 00032B

 000116

 000000

■ 0076E2

■ 1781E2

■ 2D8CE2

■ 4496E2

■ 5AA1E2

■ 71ACE2

■ 88B7E2

■ 9EC2E2

■ B5CCE2

■ CBD7E2

Harmonies

Analogous

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



0086DF



0076E2



955DC8

Triad

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



0076E2



CA4F2F



008D54

Complementary

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



0076E2



E26C00

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.



3B871B



0076E2



A96900

Square

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



0076E2



D73B63



7B7C00



00908D

Rectangle

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



0076E2



BB4BAA



7B7C00



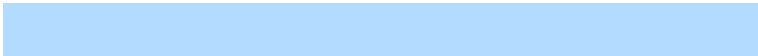
008C42

Sweetspot

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



0076E2



B3DAFF



00E269



526A80



000000



808080

Same Dimension

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



0076E2



0085FF



0008E2



656B70



005CB0



001930

Inverse Universe

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



E20076



FF0085



E2DA00



70656B



B0005C



300019

Previews

White Background



This preview shows how the Hex color 0076E2 looks on a white background.

Color Contrast Check

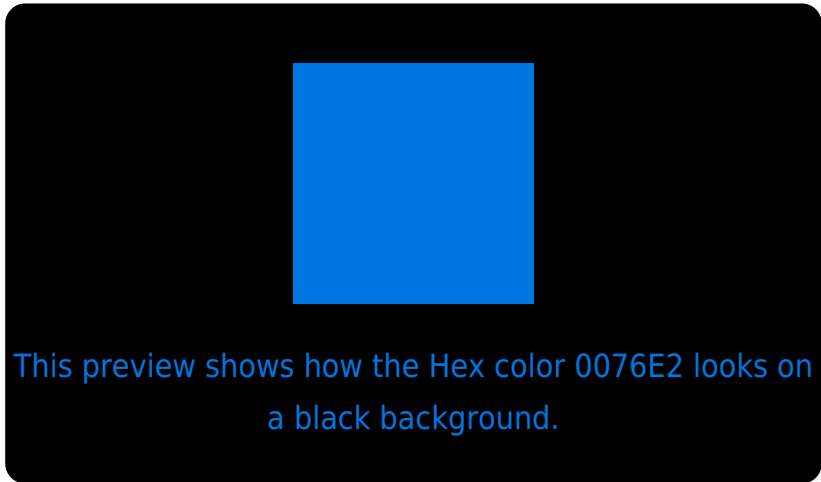
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

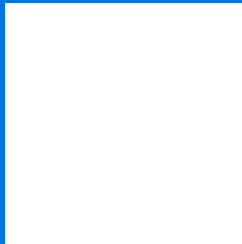
Any Text WCAG AAA × Fail

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

Hex 0076E2 Background



This preview shows how black text looks on a background with the Hex color 0076E2.



This preview shows how white text looks on a background with the Hex color 0076E2.

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



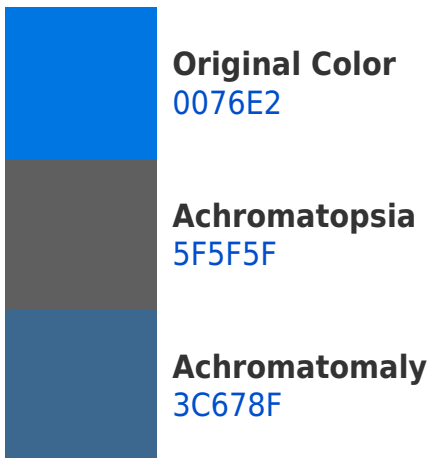


Tritanopia
00848C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0076E2 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 #0076E2 looks like.

```
.text, #text, p{  
    color:#0076E2  
}
```

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 #0076E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0076E2
}
```

Border

The CSS property to change the border of an element to Hex 0076E2 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
#0076E2 }
```

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

```
.border{ border-color:#0076E2 }
```

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

Here you see how a box with a 4 pixel #0076E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0076E2; -webkit-box-shadow:4px 4px  
4px 4px #0076E2; box-shadow:4px 4px 4px  
4px #0076E2 }
```

Background

The CSS property to change the background color of an element to Hex 0076E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0076E2 }
```

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

```
.background{ background-color:#0076E2 }
```

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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