

Converting Colors

Hex(0074E7)

Have a look what the booklet for
Hex(0074E7) contains.

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Color

Hex(0074E7)

Conversions

Conversions Part 1

Format	Color
Hex	0074E7
RGB	0, 116, 231
RGB Percent	0%, 45%, 91%
CMY	1.0000, 0.5451, 0.0941
CMYK	1.00, 0.50, 0.00, 0.09
HSL	210°, 100%, 45%
HSV	210°, 100%, 91%
XYZ	20.6692, 18.2603, 78.0365
YIQ	94.4260, -106.0510, 11.1730

Conversions

Conversions Part 2

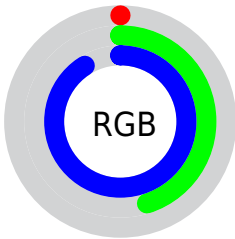
Format	Color
RYB	0, 77, 231
Decimal	29927
CIELab	49.81, 17.01, -65.52
CIELCh	50, 67.688, 284.555
Yxy	18.2603, 0.1767, 0.1561
Android (android.graphics.Color)	4278220007 (0xFF0074E7)
YUV	94.4260, 67.3310, -82.8116
Hunter-Lab	42.7321, 11.5580, -78.3618

Details

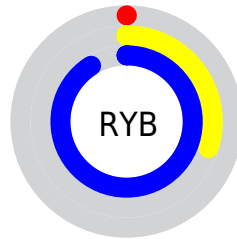
The Hex color **0074E7** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **E77300**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **6AA7FF**, and **0045AE** is the 20% darker color. If you saturate the color by 10%, you get **0074E7**, and if you desaturate by 10%, it is **177FE7**.

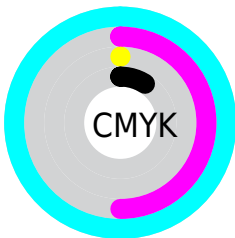
Distribution



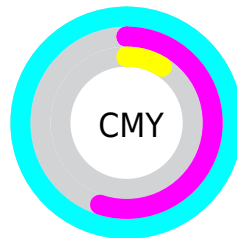
- Red (0%)
- Green (45%)
- Blue (91%)



- Red (0%)
- Yellow (30%)
- Blue (91%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (55%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0074E7 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 0074E7 by changing the saturation by 10% instead.

 0074E7

FFFFFF

 6AA7FF

 8BC2FF

 ABDEFF

 CAFAFF

 EAFFFF

 0074E7

 005CCA

 0045AE

 003093

 001E79

 00025F

 000846

 00042F

 000119

 000000

 0074E7

 177FE7

 2E8BE7

 4596E7

 5CA2E7

 74ADE7

 8BB9E7

 A2C4E7

 B9D0E7

 D0DBE7

Harmonies

Analogous

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



0086E6



0074E7



9B59C9

Triad

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



0074E7



CC4D26



008E56

Complementary

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



0074E7



E77300

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.



2C8816



0074E7



A76900

Square

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



0074E7



DB345D



757D00



009092

Rectangle

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



0074E7



C143A9



757D00



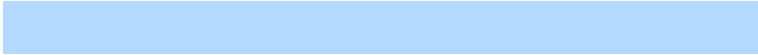
008D42

Sweetspot

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



0074E7



B3D9FF



00E770



526980



000000



808080

Same Dimension

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



0074E7



0080FF



0004E7



676D73



005AB3



001A33

Inverse Universe

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



E70074



FF0080



E7E300



73676D



B3005A



33001A

Previews

White Background



This preview shows how the Hex color 0074E7 looks on a white background.

Color Contrast Check

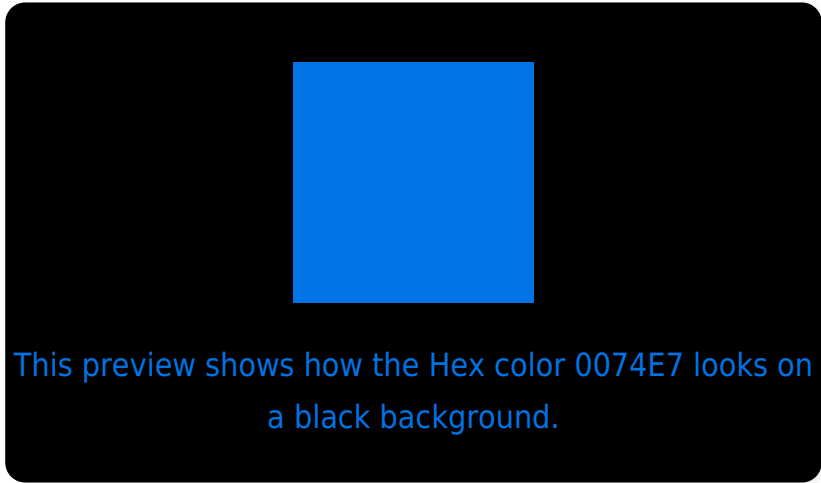
Large Text (above 18pt) WCAG AA ✓ Pass

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

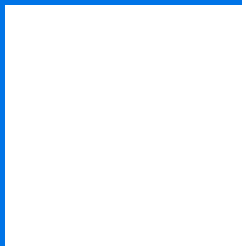
Any Text WCAG AAA × Fail

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

Hex 0074E7 Background



This preview shows how black text looks on a background with the Hex color 0074E7.



This preview shows how white text looks on a background with the Hex color 0074E7.

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](#).

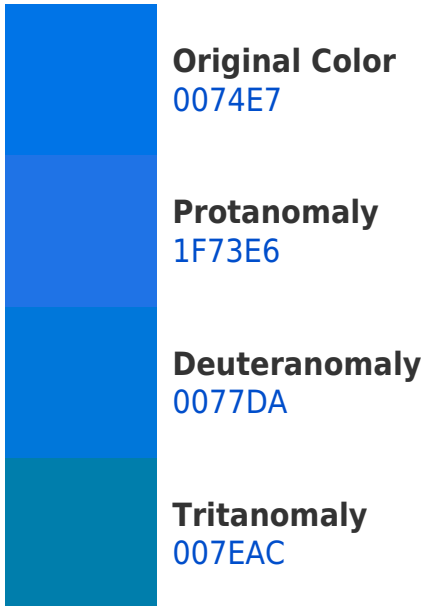
Dichromacy





Tritanopia
00838B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0074E7 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 #0074E7 looks like.

```
.text, #text, p{  
    color:#0074E7  
}
```

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 #0074E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0074E7
}
```

Border

The CSS property to change the border of an element to Hex 0074E7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

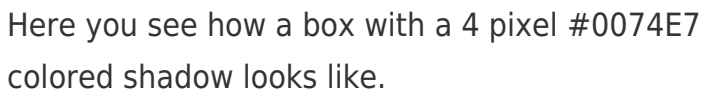
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0074E7 }
```

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

```
.border{ border-color:#0074E7 }
```

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



Here you see how a box with a 4 pixel #0074E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0074E7; -webkit-box-shadow:4px 4px  
4px 4px #0074E7; box-shadow:4px 4px 4px  
4px #0074E7 }
```

Background

The CSS property to change the background color of an element to Hex 0074E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0074E7 }
```

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

```
.background{ background-color:#0074E7 }
```

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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