

Converting Colors

Hex(006ED4)

Have a look what the booklet for
Hex(006ED4) contains.

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Color

Hex(006ED4)

Conversions

Conversions Part 1

Format	Color
Hex	006ED4
RGB	0, 110, 212
RGB Percent	0%, 43%, 83%
CMY	1.0000, 0.5686, 0.1686
CMYK	1.00, 0.48, 0.00, 0.17
HSL	209°, 100%, 42%
HSV	209°, 100%, 83%
XYZ	17.4596, 15.9053, 64.4372
YIQ	88.7380, -98.3020, 8.4020

Conversions

Conversions Part 2

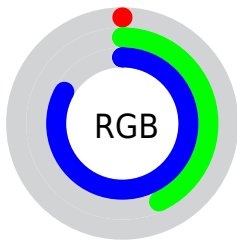
Format	Color
RYB	0, 72, 212
Decimal	28372
CIELab	46.85, 13.32, -59.55
CIELCh	47, 61.025, 282.611
Yxy	15.9053, 0.1785, 0.1626
Android (android.graphics.Color)	4278218452 (0xFF006ED4)
YUV	88.7380, 60.7682, -77.8232
Hunter-Lab	39.8815, 8.3524, -67.8788

Details

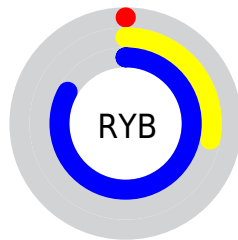
The Hex color **006ED4** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D46600**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **65A1FF**, and **00409C** is the 20% darker color. If you saturate the color by 10%, you get **006ED4**, and if you desaturate by 10%, it is **1578D4**.

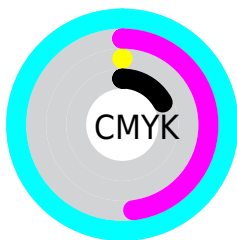
Distribution



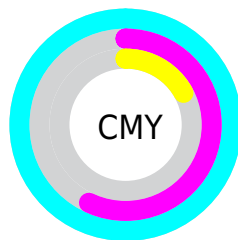
- Red (0%)
- Green (43%)
- Blue (83%)



- Red (0%)
- Yellow (28%)
- Blue (83%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (57%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006ED4 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 006ED4 by changing the saturation by 10% instead.

006ED4

006ED4

FFFFFF

0056B8

65A1FF

00409C

85BCFF

002B82

A4D7FF

001868

C3F3FF

000A4F

E2FFFF

000537

000221

000006

000000

■ 006ED4

■ 1578D4

■ 2A82D4

■ 408DD4

■ 5597D4

■ 6AA1D4

■ 7FABD4

■ 94B5D4

■ AAC0D4

■ BFCAD4

Harmonies

Analogous

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



007DD1



006ED4



8C57BB

Triad

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



006ED4



BD4A2B



00844E

Complementary

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



006ED4



D46600

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.



367F19



006ED4



9E6200

Square

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



006ED4



C9365C



727400



008684

Rectangle

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



006ED4



AF459F



727400



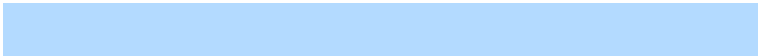
00833D

Sweetspot

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



006ED4



B3DAFF



00D463



526980



000000



808080

Same Dimension

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



006ED4



0084FF



0007D4



60666B



0059AB



00162B

Inverse Universe

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



D4006E



FF0084



D4CD00



6B6066



AB0059



2B0016

Previews

White Background



This preview shows how the Hex color 006ED4 looks on a white background.

Color Contrast Check

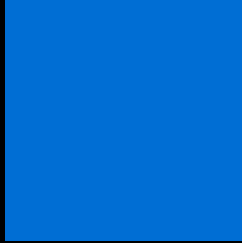
Large Text (above 18pt) WCAG AA ✓ Pass

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 006ED4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

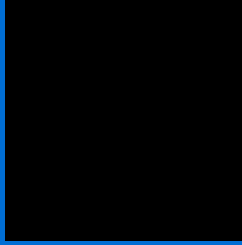
Any Text WCAG AA × Fail

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 006ED4 Background



This preview shows how black text looks on a background with the Hex color 006ED4.

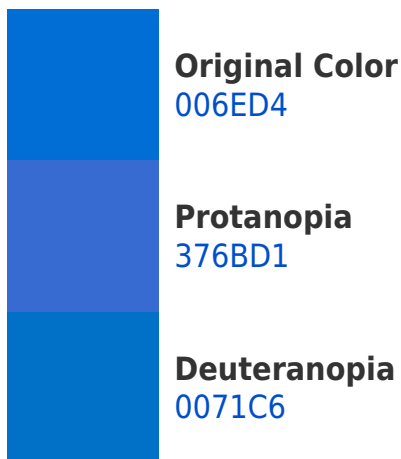


This preview shows how white text looks on a background with the Hex color 006ED4.

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](#).

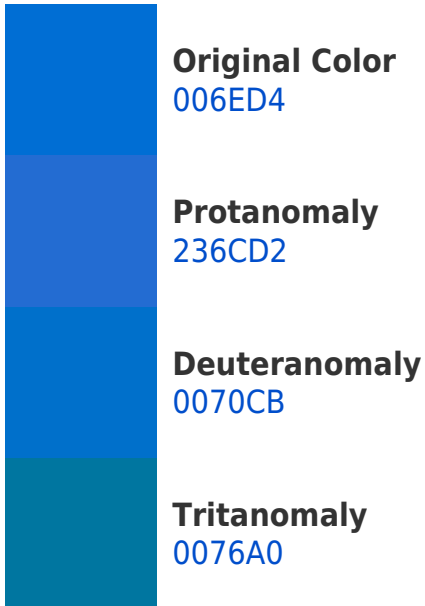
Dichromacy





Tritanopia
007B83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 006ED4 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 #006ED4 looks like.

```
.text, #text, p{  
    color:#006ED4  
}
```

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 #006ED4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006ED4
}
```

Border

The CSS property to change the border of an element to Hex 006ED4 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
#006ED4 }
```

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

```
.border{ border-color:#006ED4 }
```

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

Here you see how a box with a 4 pixel #006ED4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006ED4; -webkit-box-shadow:4px 4px  
4px 4px #006ED4; box-shadow:4px 4px 4px  
4px #006ED4 }
```

Background

The CSS property to change the background color of an element to Hex 006ED4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006ED4 }
```

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

```
.background{ background-color:#006ED4 }
```

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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