

Converting Colors

Hex(006ECD)

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

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Color

Hex(006ECD)

Conversions

Conversions Part 1

Format	Color
Hex	006ECD
RGB	0, 110, 205
RGB Percent	0%, 43%, 80%
CMY	1.0000, 0.5686, 0.1961
CMYK	1.00, 0.46, 0.00, 0.20
HSL	208°, 100%, 40%
HSV	208°, 100%, 80%
XYZ	16.5954, 15.5596, 59.8862
YIQ	87.9400, -96.0550, 6.2250

Conversions

Conversions Part 2

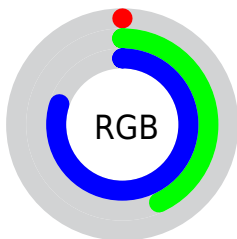
Format	Color
R _{YB}	0, 72, 205
Decimal	28365
CIE Lab	46.39, 10.53, -56.29
CIE LCh	46, 57.270, 280.597
Yxy	15.5596, 0.1803, 0.1691
Android (android.graphics.Color)	4278218445 (0xFF006ECD)
YUV	87.9400, 57.7106, -77.1234
Hunter-Lab	39.4457, 6.0675, -62.4017

Details

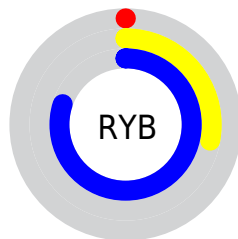
The Hex color **006ECD** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **CD5F00**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **63A1FF**, and **004096** is the 20% darker color. If you saturate the color by 10%, you get **006ECD**, and if you desaturate by 10%, it is **1477CD**.

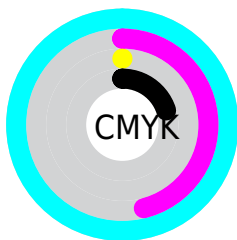
Distribution



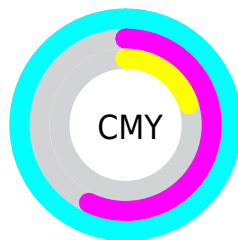
- Red (0%)
- Green (43%)
- Blue (80%)



- Red (0%)
- Yellow (28%)
- Blue (80%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (57%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 006ECD

 006ECD

FFFFFF

 0056B1

 63A1FF

 004096

 83BCFF

 002B7C

 A2D7FF

 001862

 C0F4FF

 000949

 DFFFFF

 000432

FEFFFF

 00011C

 000000

 006ECD

■ 1477CD

■ 2981CD

■ 3E8ACD

■ 5294CD

■ 679DCD

■ 7BA7CD

■ 90B0CD

■ A4BACD

■ B9C3CD

Harmonies

Analogous

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



007CC9



006ECD



8559B7

Triad

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



006ECD



BA4A31



00824C

Complementary

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



006ECD



CD5F00

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.



3F7C1C



006ECD



9D6002

Square

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



006ECD



C33B5F



757100



00847E

Rectangle

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



006ECD



A8499E



757100



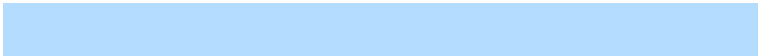
00803C

Sweetspot

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



006ECD



B3DCFF



00CD5C



526A80



000000



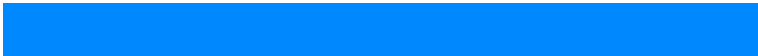
808080

Same Dimension

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



006ECD



0089FF



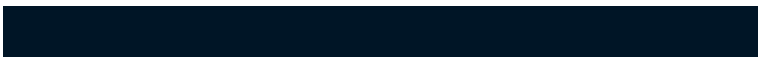
000ACD



5C6166



0059A6



001526

Inverse Universe

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



CD006E



FF0089



CDC300



665C61



A60059



260015

Previews

White Background



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

Color Contrast Check

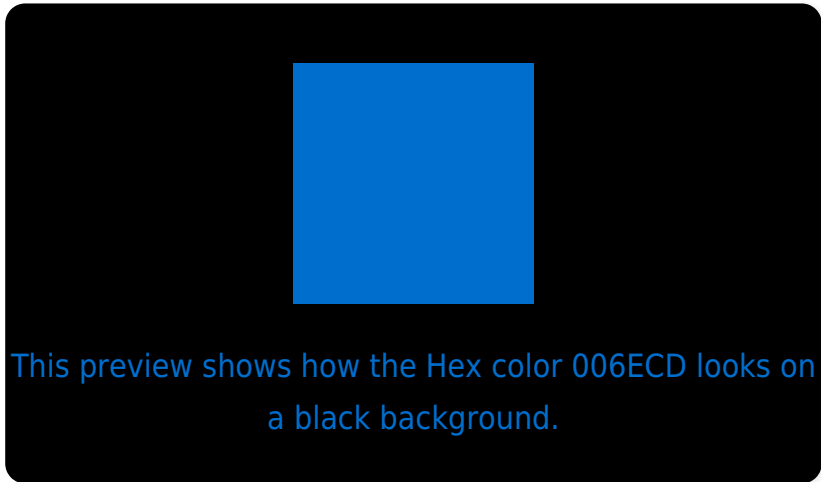
Large Text (above 18pt) WCAG AA ✓ Pass

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

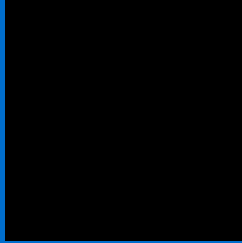
Any Text WCAG AA × Fail

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 006ECD Background



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

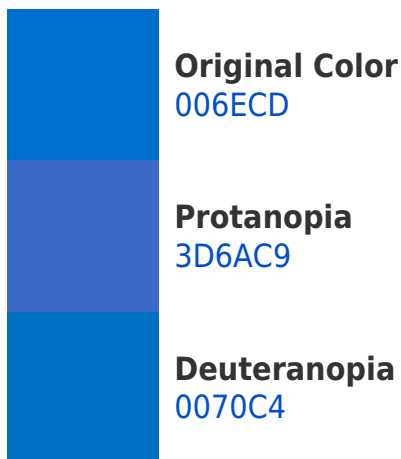


This preview shows how white text looks on a background with the Hex color 006ECD.

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](#).

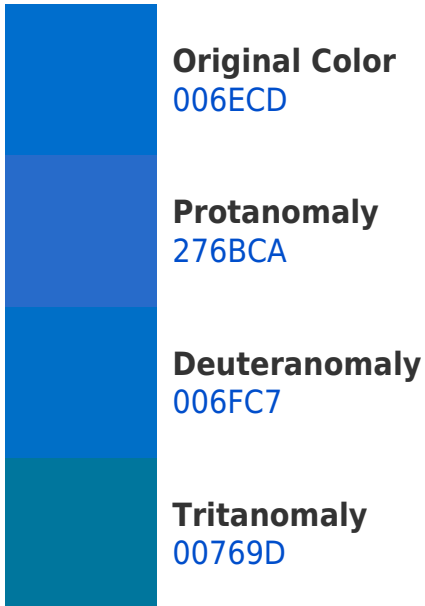
Dichromacy





Tritanopia
007A82

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #006ECD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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