

# Converting Colors

Hex(006CD5)

Have a look what the booklet for  
Hex(006CD5) contains.

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# Color

**Hex(006CD5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	006CD5
RGB	0, 108, 213
RGB Percent	0%, 42%, 84%
CMY	1.0000, 0.5765, 0.1647
CMYK	1.00, 0.49, 0.00, 0.16
HSL	210°, 100%, 42%
HSV	210°, 100%, 84%
XYZ	17.3728, 15.5292, 65.0326
YIQ	87.6780, -98.0730, 9.7590

# Conversions

## Conversions Part 2

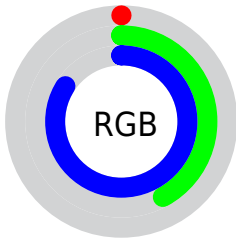
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	0, 72, 213
Decimal	27861
CIE Lab	46.35, 15.00, -60.93
CIE LCh	46, 62.749, 283.834
Yxy	15.5292, 0.1774, 0.1586
Android (android.graphics.Color)	4278217941 (0xFF006CD5)
YUV	87.6780, 61.7837, -76.8936
Hunter-Lab	39.4071, 9.7300, -70.2598

# Details

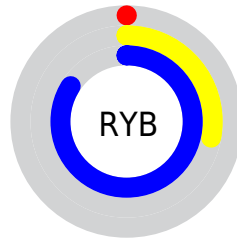
The Hex color **006CD5** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D56900**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **659FFF**, and **003E9D** is the 20% darker color. If you saturate the color by 10%, you get **006CD5**, and if you desaturate by 10%, it is **1577D5**.

# Distribution



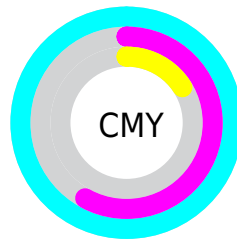
- Red (0%)
- Green (42%)
- Blue (84%)



- Red (0%)
- Yellow (28%)
- Blue (84%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (58%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 006CD5 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 006CD5 by changing the saturation by 10% instead.



 006CD5

 006CD5

FFFFFF

 0054B9

 659FFF

 003E9D

 86B9FF

 002983

 A5D5FF

 001769


 C4F1FF

 000A50

 E2FFFF

 000538

 000222

 000007

 000000

■ 006CD5

■ 1577D5

■ 2B81D5

■ 408CD5

■ 5596D5

■ 6BA1D5

■ 80ABD5

■ 95B6D5

■ AAC0D5

■ C0CBD5

# Harmonies

## Analogous

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



007CD3



006CD5



8E53BB

# Triad

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



006CD5



BD4826



00834E

# Complementary

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



006CD5



D56900

# 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.



2D7E16



006CD5



9C6100

# Square

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



006CD5



CA3258



6E7300



008586

# Rectangle

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



006CD5



B1419D



6E7300



00823C

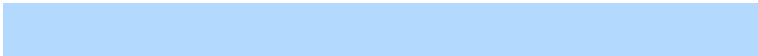


# Sweetspot

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



006CD5



B3D9FF



00D567



526980



000000



808080



# Same Dimension

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



006CD5



0081FF



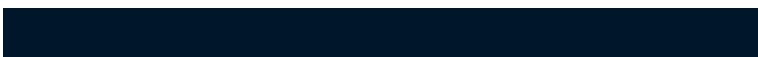
0004D5



60666B



0057AB



00162B



# Inverse Universe

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



D5006C



FF0081



D5D100



6B6066



AB0057



2B0016



# Previews

## White Background



This preview shows how the Hex color 006CD5 looks on a white background.

## Color Contrast Check

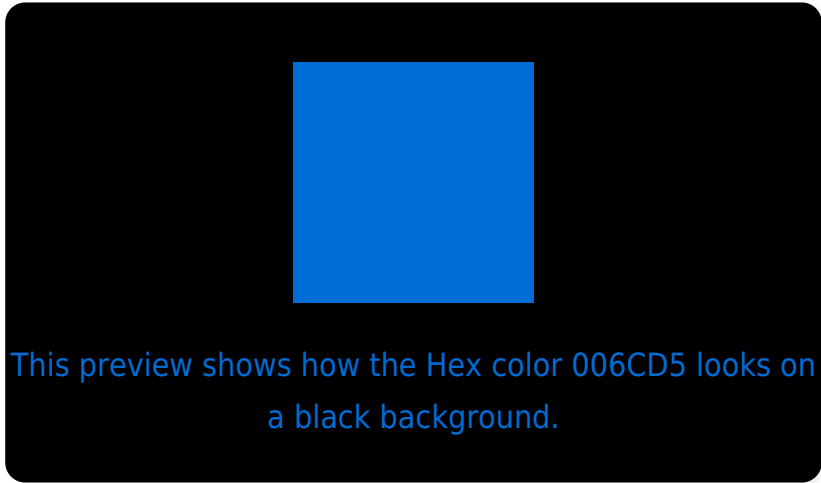
Large Text (above 18pt) WCAG AA ✓ Pass

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

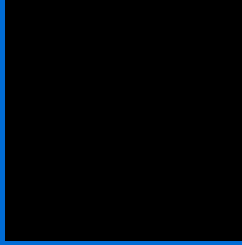
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

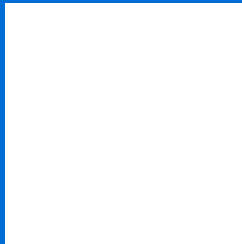
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 006CD5 Background



This preview shows how black text looks on a background with the Hex color 006CD5.

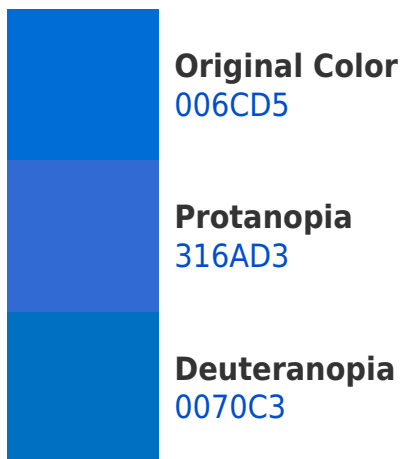


This preview shows how white text looks on a background with the Hex color 006CD5.

# 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](#).

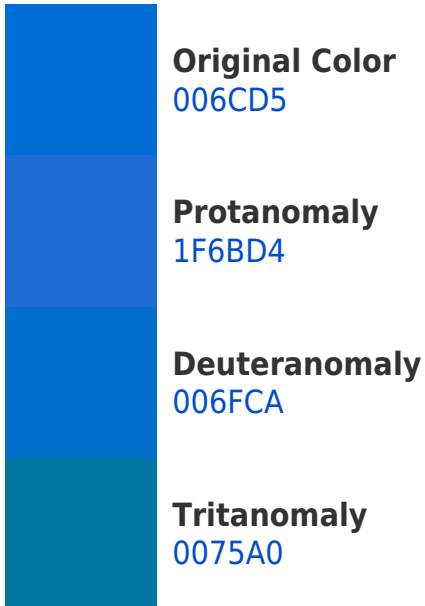
## Dichromacy





**Tritanopia**  
007A81

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006CD5 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 #006CD5 looks like.

```
.text, #text, p{  
    color:#006CD5  
}
```

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 #006CD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006CD5
}
```

## Border

The CSS property to change the border of an element to Hex 006CD5 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
#006CD5 }
```

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

```
.border{ border-color:#006CD5 }
```

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

Here you see how a box with a 4 pixel #006CD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006CD5; -webkit-box-shadow:4px 4px  
4px 4px #006CD5; box-shadow:4px 4px 4px  
4px #006CD5 }
```

# Background

The CSS property to change the background color of an element to Hex 006CD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006CD5 }
```

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

```
.background{ background-color:#006CD5 }
```

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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