

Converting Colors

Hex(006DD5)

Have a look what the booklet for
Hex(006DD5) contains.

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Color

Hex(006DD5)

Conversions

Conversions Part 1

Format	Color
Hex	006DD5
RGB	0, 109, 213
RGB Percent	0%, 43%, 84%
CMY	1.0000, 0.5725, 0.1647
CMYK	1.00, 0.49, 0.00, 0.16
HSL	209°, 100%, 42%
HSV	209°, 100%, 84%
XYZ	17.4789, 15.7414, 65.0679
YIQ	88.2650, -98.3480, 9.2360

Conversions

Conversions Part 2

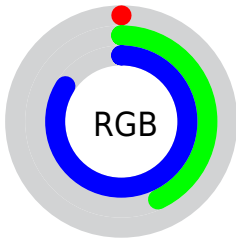
Format	Color
RYB	0, 72, 213
Decimal	28117
CIELab	46.63, 14.36, -60.47
CIELCh	47, 62.155, 283.360
Yxy	15.7414, 0.1778, 0.1602
Android (android.graphics.Color)	4278218197 (0xFF006DD5)
YUV	88.2650, 61.4944, -77.4084
Hunter-Lab	39.6754, 9.2057, -69.4632

Details

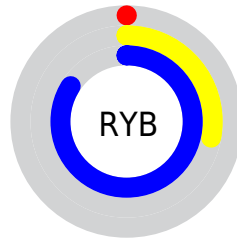
The Hex color **006DD5** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D56800**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **65A0FF**, and **003F9D** is the 20% darker color. If you saturate the color by 10%, you get **006DD5**, and if you desaturate by 10%, it is **1577D5**.

Distribution



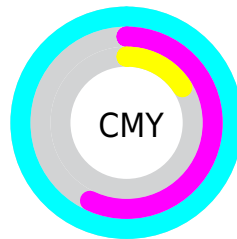
- Red (0%)
- Green (43%)
- Blue (84%)



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



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



- Cyan (100%)
- Magenta (57%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006DD5 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 006DD5 by changing the saturation by 10% instead.

006DD5

006DD5

FFFFFF

0055B9

65A0FF

003F9D

86BBFF

002A83

A5D6FF

001869

C4F2FF

000A50

E2FFFF

000538

000222

000007

000000

■ 006DD5

■ 1577D5

■ 2B82D5

■ 408CD5

■ 5597D5

■ 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.



007DD3



006DD5



8D55BB

Triad

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



006DD5



BD4928



00844F

Complementary

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



006DD5



D56800

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.



317E17



006DD5



9D6100

Square

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



006DD5



CA345A



707300



008685

Rectangle

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



006DD5



B1439E



707300



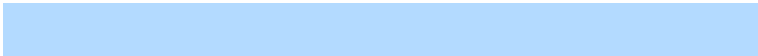
00833D

Sweetspot

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



006DD5



B3DAFF



00D567



526980



000000



808080

Same Dimension

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



006DD5



0082FF



0004D5



60666B



0057AB



00162B

Inverse Universe

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



D5006D



FF0082



D5D100



6B6066



AB0057



2B0016

Previews

White Background



This preview shows how the Hex color 006DD5 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 006DD5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

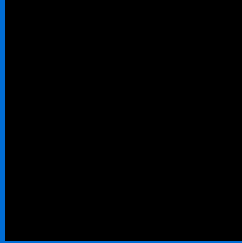
Any Text WCAG AA × Fail

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 006DD5 Background



This preview shows how black text looks on a background with the Hex color 006DD5.

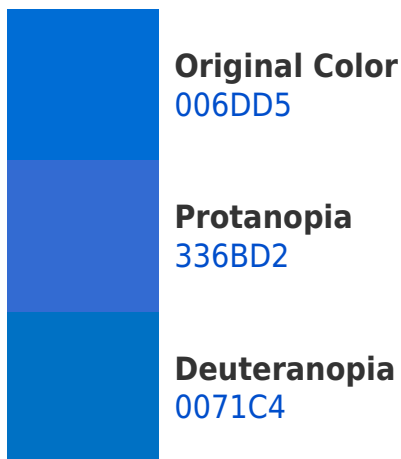


This preview shows how white text looks on a background with the Hex color 006DD5.

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](#).

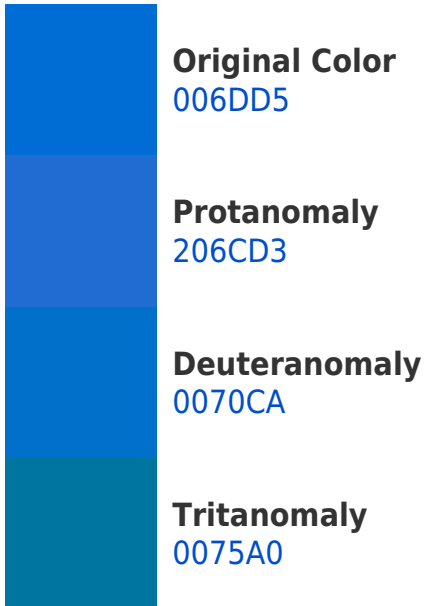
Dichromacy



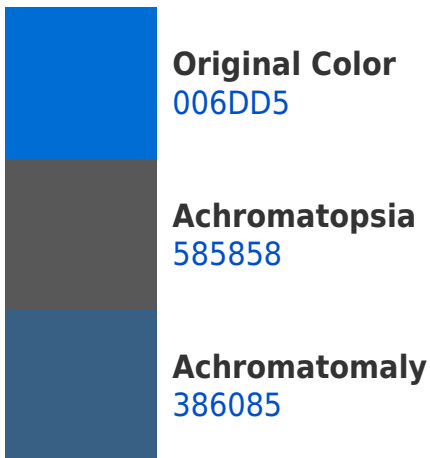


Tritanopia
007A82

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 006DD5 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 #006DD5 looks like.

```
.text, #text, p{  
    color:#006DD5  
}
```

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 #006DD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006DD5
}
```

Border

The CSS property to change the border of an element to Hex 006DD5 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
#006DD5 }
```

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

```
.border{ border-color:#006DD5 }
```

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

Here you see how a box with a 4 pixel #006DD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006DD5; -webkit-box-shadow:4px 4px  
4px 4px #006DD5; box-shadow:4px 4px 4px  
4px #006DD5 }
```

Background

The CSS property to change the background color of an element to Hex 006DD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006DD5 }
```

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

```
.background{ background-color:#006DD5 }
```

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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