

Converting Colors

Hex(006BDD)

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

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Color

Hex(006BDD)

Conversions

Conversions Part 1

Format	Color
Hex	006BDD
RGB	0, 107, 221
RGB Percent	0%, 42%, 87%
CMY	1.0000, 0.5804, 0.1333
CMYK	1.00, 0.52, 0.00, 0.13
HSL	211°, 100%, 43%
HSV	211°, 100%, 87%
XYZ	18.3088, 15.7358, 70.4790
YIQ	88.0030, -100.3660, 12.7700

Conversions

Conversions Part 2

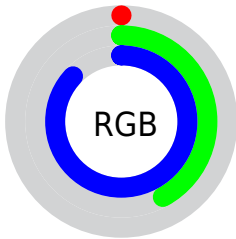
Format	Color
RYB	0, 72, 221
Decimal	27613
CIELab	46.63, 18.83, -65.03
CIELCh	47, 67.701, 286.145
Yxy	15.7358, 0.1752, 0.1505
Android (android.graphics.Color)	4278217693 (0xFF006BDD)
YUV	88.0030, 65.5675, -77.1786
Hunter-Lab	39.6684, 12.9663, -77.5727

Details

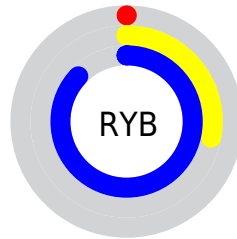
The Hex color **006BDD** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **DD7200**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **689EFF**, and **003DA5** is the 20% darker color. If you saturate the color by 10%, you get **006BDD**, and if you desaturate by 10%, it is **1676DD**.

Distribution



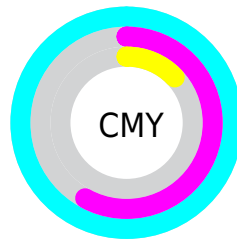
- Red (0%)
- Green (42%)
- Blue (87%)



- Red (0%)
- Yellow (28%)
- Blue (87%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (58%)
- Yellow (13%)

Brightness & Saturation Gradients

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

■ 006BDD

■ 006BDD

FFFFFF

■ 0053C1

■ 689EFF

■ 003DA5

■ 88B8FF

■ 00298A

■ A8D4FF

■ 001770

■ C7F0FF

■ 000956

■ E6FFFF

■ 00063E

■ 000327

■ 000111

■ 000000

■ 006BDD

■ 1676DD

■ 2C82DD

■ 428DDD

■ 5899DD

■ 6FA4DD

■ 85AFDD

■ 9BBBDD

■ B1C6DD

■ C7D2DD

Harmonies

Analogous

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



007DDE



006BDD



964FBE

Triad

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



006BDD



C0461B



008651

Complementary

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



006BDD



DD7200

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.



188010



006BDD



9C6200

Square

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



006BDD



D12953



6A7500



00878D

Rectangle

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



006BDD



BA389E



6A7500



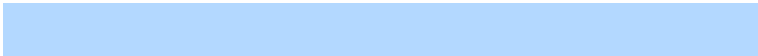
00843D

Sweetspot

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



006BDD



B3D8FF



00DD6F



526880



000000



808080

Same Dimension

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



006BDD



007BFF



0000DD



63686E



0054AD



00162E

Inverse Universe

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



DD006B



FF007B



DDDD00



6E6368



AD0054



2E0016

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

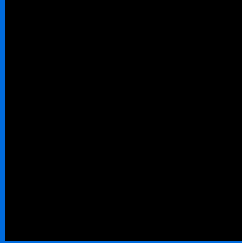
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

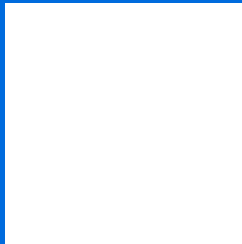
Any Text WCAG AAA × Fail

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

Hex 006BDD Background



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

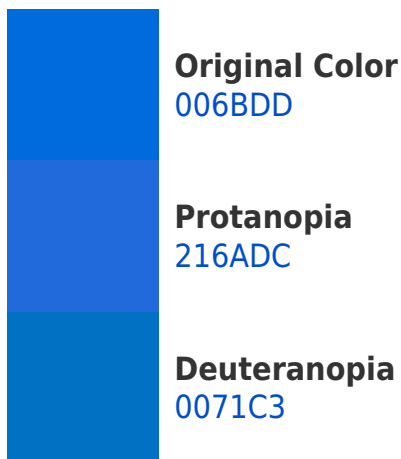


This preview shows how white text looks on a background with the Hex color 006BDD.

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](#).

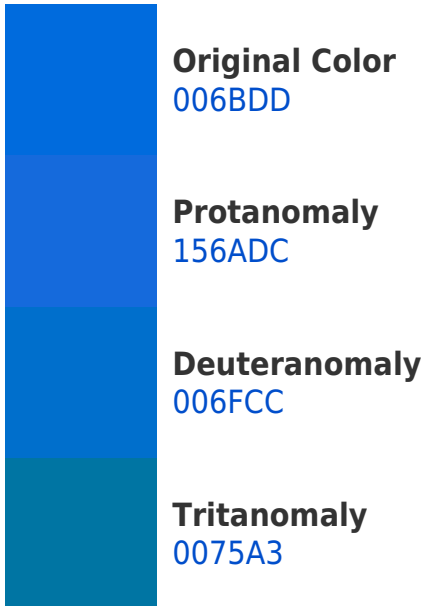
Dichromacy





Tritanopia
007A82

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #006BDD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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