

Converting Colors

Hex(006BD9)

Have a look what the booklet for
Hex(006BD9) contains.

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Color

Hex(006BD9)

Conversions

Conversions Part 1

Format	Color
Hex	006BD9
RGB	0, 107, 217
RGB Percent	0%, 42%, 85%
CMY	1.0000, 0.5804, 0.1490
CMYK	1.00, 0.51, 0.00, 0.15
HSL	210°, 100%, 43%
HSV	210°, 100%, 85%
XYZ	17.7821, 15.5251, 67.7051
YIQ	87.5470, -99.0820, 11.5260

Conversions

Conversions Part 2

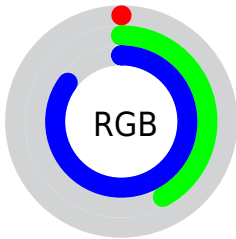
Format	Color
R _{YB}	0, 72, 217
Decimal	27609
CIE Lab	46.35, 17.24, -63.21
CIE LCh	46, 65.523, 285.254
Yxy	15.5251, 0.1760, 0.1537
Android (android.graphics.Color)	4278217689 (0xFF006BD9)
YUV	87.5470, 63.8203, -76.7787
Hunter-Lab	39.4020, 11.6035, -74.2977

Details

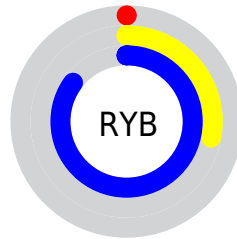
The Hex color **006BD9** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D96E00**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **669EFF**, and **003DA1** is the 20% darker color. If you saturate the color by 10%, you get **006BD9**, and if you desaturate by 10%, it is **1676D9**.

Distribution



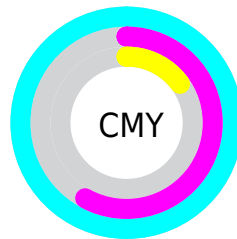
- Red (0%)
- Green (42%)
- Blue (85%)



- Red (0%)
- Yellow (28%)
- Blue (85%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (58%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006BD9 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 006BD9 by changing the saturation by 10% instead.

■ 006BD9

■ 006BD9

FFFFFF

■ 0053BD

■ 669EFF

■ 003DA1

■ 87B8FF

■ 002986

■ A6D4FF

■ 00176C

■ C5F0FF

■ 000A53

■ E4FFFF

■ 00063B

■ 000224

■ 00000C

■ 000000

■ 006BD9

■ 1676D9

■ 2B81D9

■ 418CD9

■ 5797D9

■ 6DA2D9

■ 82ADD9

■ 98B8D9

■ AEC3D9

■ C3CED9

Harmonies

Analogous

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



007CD9



006BD9



9250BC

Triad

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



006BD9



BE4720



008450

Complementary

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



006BD9



D96E00

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.



227F12



006BD9



9B6100

Square

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



006BD9



CD2D54



6B7400



008689

Rectangle

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



006BD9



B63C9D



6B7400



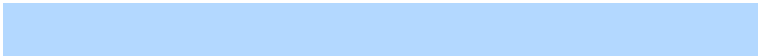
00833D

Sweetspot

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



006BD9



B3D8FF



00D96D



526880



000000



808080

Same Dimension

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



006BD9



007EFF



0000D9



63686E



0056AD



00172E

Inverse Universe

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



D9006B



FF007E



D9D900



6E6368



AD0056



2E0017

Previews

White Background



This preview shows how the Hex color 006BD9 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 006BD9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

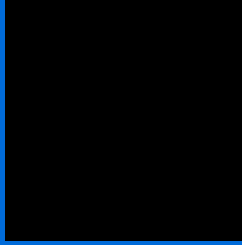
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

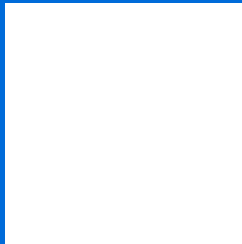
Any Text WCAG AAA × Fail

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

Hex 006BD9 Background



This preview shows how black text looks on a background with the Hex color 006BD9.

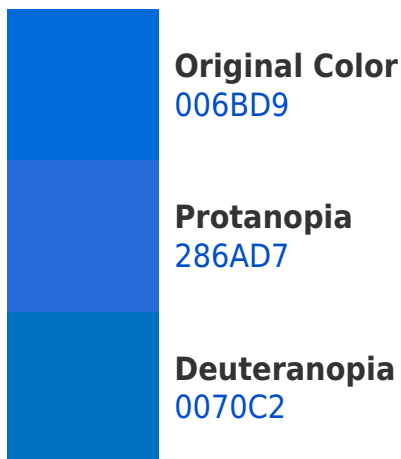


This preview shows how white text looks on a background with the Hex color 006BD9.

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](#).

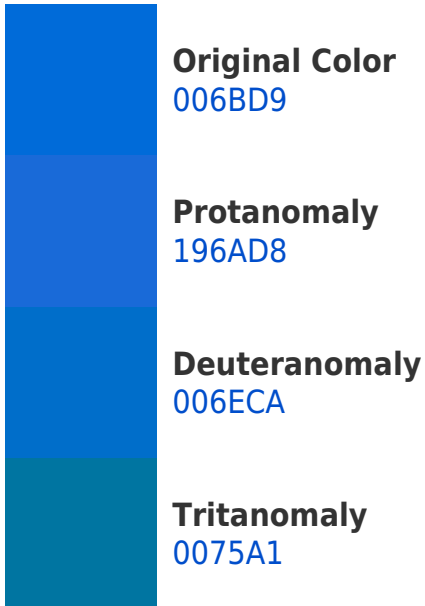
Dichromacy





Tritanopia
007A81

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 006BD9 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 #006BD9 looks like.

```
.text, #text, p{  
    color:#006BD9  
}
```

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 #006BD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006BD9
}
```

Border

The CSS property to change the border of an element to Hex 006BD9 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
#006BD9 }
```

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

```
.border{ border-color:#006BD9 }
```

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

Here you see how a box with a 4 pixel #006BD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006BD9; -webkit-box-shadow:4px 4px  
4px 4px #006BD9; box-shadow:4px 4px 4px  
4px #006BD9 }
```

Background

The CSS property to change the background color of an element to Hex 006BD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006BD9 }
```

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

```
.background{ background-color:#006BD9 }
```

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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