

Converting Colors

Hex(006DC6)

Have a look what the booklet for
Hex(006DC6) contains.

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Color

Hex(006DC6)

Conversions

Conversions Part 1

Format	Color
Hex	006DC6
RGB	0, 109, 198
RGB Percent	0%, 43%, 78%
CMY	1.0000, 0.5725, 0.2235
CMYK	1.00, 0.45, 0.00, 0.22
HSL	207°, 100%, 39%
HSV	207°, 100%, 78%
XYZ	15.6617, 15.0145, 55.4987
YIQ	86.5550, -93.5330, 4.5710

Conversions

Conversions Part 2

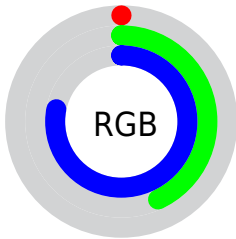
Format	Color
RYB	0, 70, 198
Decimal	28102
CIELab	45.65, 8.37, -53.46
CIElCh	46, 54.112, 278.895
Yxy	15.0145, 0.1817, 0.1742
Android (android.graphics.Color)	4278218182 (0xFF006DC6)
YUV	86.5550, 54.9424, -75.9087
Hunter-Lab	38.7485, 4.3375, -57.7958

Details

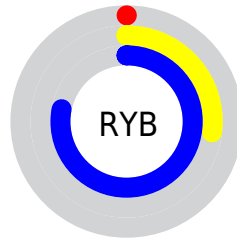
The Hex color **006DC6** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C65900**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **61A0FF**, and **003F8F** is the 20% darker color. If you saturate the color by 10%, you get **006DC6**, and if you desaturate by 10%, it is **1476C6**.

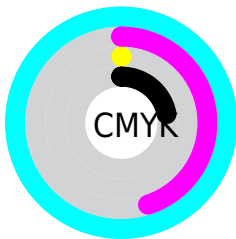
Distribution



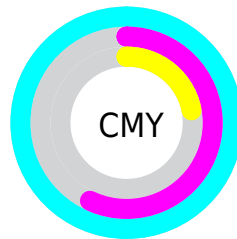
- Red (0%)
- Green (43%)
- Blue (78%)



- Red (0%)
- Yellow (27%)
- Blue (78%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (57%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006DC6 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 006DC6 by changing the saturation by 10% instead.

 006DC6

 006DC6

FFFFFF

 0055AA

 61A0FF

 003F8F

 81BBFF

 002A75

 9FD6FF

 00165C

 BDF2FF

 000744

 DCFFFF

 00032C

 FBFFFF

 000117

 000000

 006DC6

 1476C6

 287FC6

 3B88C6

 4F91C6

 639AC6

 77A2C6

 8BABC6

 9EB4C6

 B2BDC6

Harmonies

Analogous

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



007AC0



006DC6



7F5AB3

Triad

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



006DC6



B54A35



007F4A

Complementary

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



006DC6



C65900

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.



44791E



006DC6



9B5E0E

Square

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



006DC6



BD3D61



756E00



008179

Rectangle

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



006DC6



A04C9C



756E00



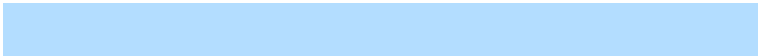
007D3B

Sweetspot

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



006DC6



B3DDFF



00C656



526B80



000000



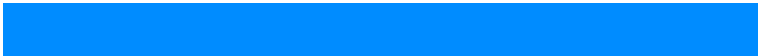
808080

Same Dimension

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



006DC6



008CFF



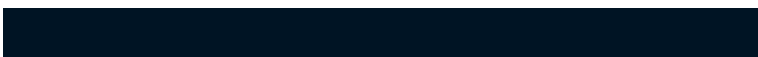
000DC6



5A5F63



005AA3



001424

Inverse Universe

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



C6006D



FF008C



C6B900



635A5F



A3005A



240014

Previews

White Background



This preview shows how the Hex color 006DC6 looks on a white background.

Color Contrast Check

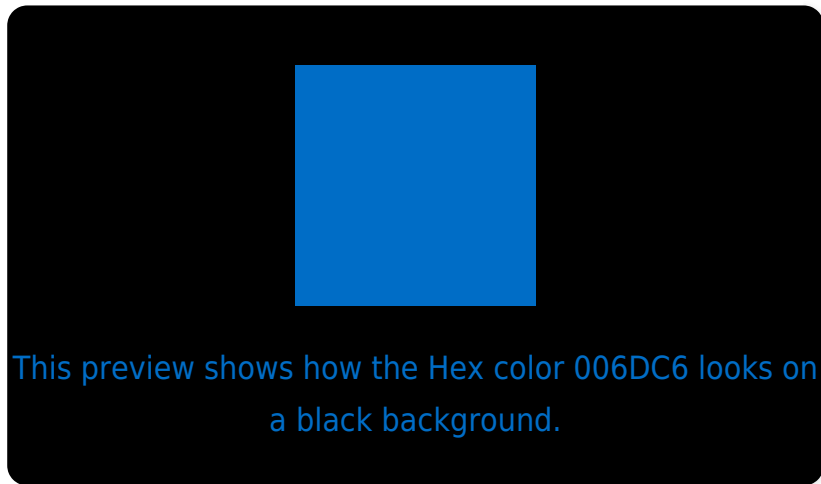
Large Text (above 18pt) WCAG AA ✓ Pass

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

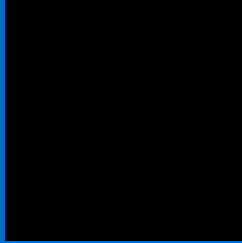
Any Text WCAG AA × Fail

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 006DC6 Background



This preview shows how black text looks on a background with the Hex color 006DC6.

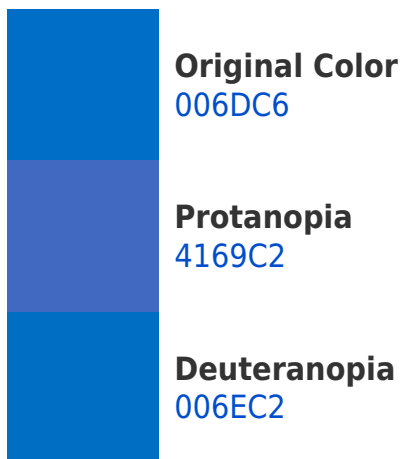


This preview shows how white text looks on a background with the Hex color 006DC6.

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](#).

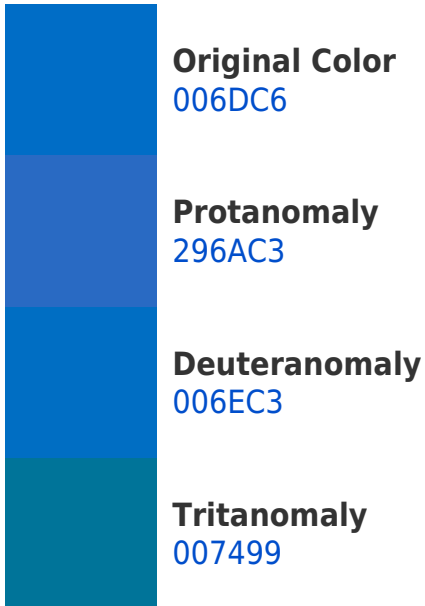
Dichromacy





Tritanopia
007880

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 006DC6 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 #006DC6 looks like.

```
.text, #text, p{  
    color:#006DC6  
}
```

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 #006DC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006DC6
}
```

Border

The CSS property to change the border of an element to Hex 006DC6 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
#006DC6 }
```

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

```
.border{ border-color:#006DC6 }
```

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

Here you see how a box with a 4 pixel #006DC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006DC6; -webkit-box-shadow:4px 4px  
4px 4px #006DC6; box-shadow:4px 4px 4px  
4px #006DC6 }
```

Background

The CSS property to change the background color of an element to Hex 006DC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006DC6 }
```

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

```
.background{ background-color:#006DC6 }
```

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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