

Converting Colors

Hex(006DCC)

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

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Color

Hex(006DCC)

Conversions

Conversions Part 1

Format	Color
Hex	006DCC
RGB	0, 109, 204
RGB Percent	0%, 43%, 80%
CMY	1.0000, 0.5725, 0.2000
CMYK	1.00, 0.47, 0.00, 0.20
HSL	208°, 100%, 40%
HSV	208°, 100%, 80%
XYZ	16.3677, 15.2969, 59.2167
YIQ	87.2390, -95.4590, 6.4370

Conversions

Conversions Part 2

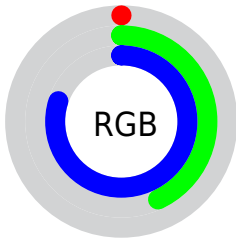
Format	Color
RYB	0, 71, 204
Decimal	28108
CIELab	46.04, 10.77, -56.29
CIElCh	46, 57.310, 280.832
Yxy	15.2969, 0.1801, 0.1683
Android (android.graphics.Color)	4278218188 (0xFF006DCC)
YUV	87.2390, 57.5632, -76.5086
Hunter-Lab	39.1113, 6.2560, -62.3905

Details

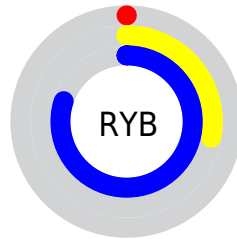
The Hex color **006DCC** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **CC5F00**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **63A0FF**, and **003F95** is the 20% darker color. If you saturate the color by 10%, you get **006DCC**, and if you desaturate by 10%, it is **1477CC**.

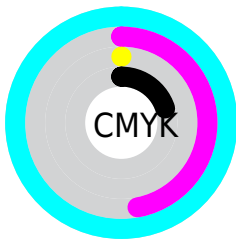
Distribution



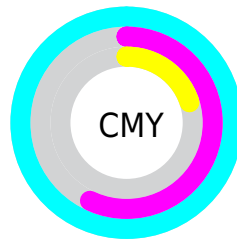
- Red (0%)
- Green (43%)
- Blue (80%)



- Red (0%)
- Yellow (28%)
- Blue (80%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (57%)
- Yellow (20%)

Brightness & Saturation Gradients

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


 006DCC

 006DCC

FFFFFF

 0055B0

 63A0FF

 003F95

 83BBFF

 002A7B


 A1D6FF

 001761

 C0F2FF

 000949

 DEFFFF

 000431

FDFFFF

 00011B

 000000

 006DCC

 1477CC

 2980CC

 3D8ACC

 5293CC

 669DCC

 7AA6CC

 8FB0CC

 A3B9CC

 B8C3CC

Harmonies

Analogous

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



007BC8



006DCC



8458B6

Triad

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



006DCC



B84A30



00814C

Complementary

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



006DCC



CC5F00

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.



3D7B1B



006DCC



9C5F00

Square

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



006DCC



C23A5E



737000



00837E

Rectangle

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



006DCC



A7489D



737000



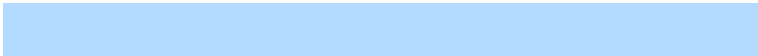
00803B

Sweetspot

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



006DCC



B3DBFF



00CC5C



526A80



000000



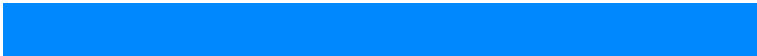
808080

Same Dimension

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



006DCC



0088FF



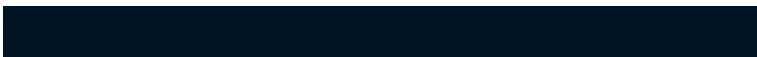
000ACC



5C6166



0059A6



001426

Inverse Universe

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



CC006D



FF0088



CCC200



665C61



A60059



260014

Previews

White Background



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

Color Contrast Check

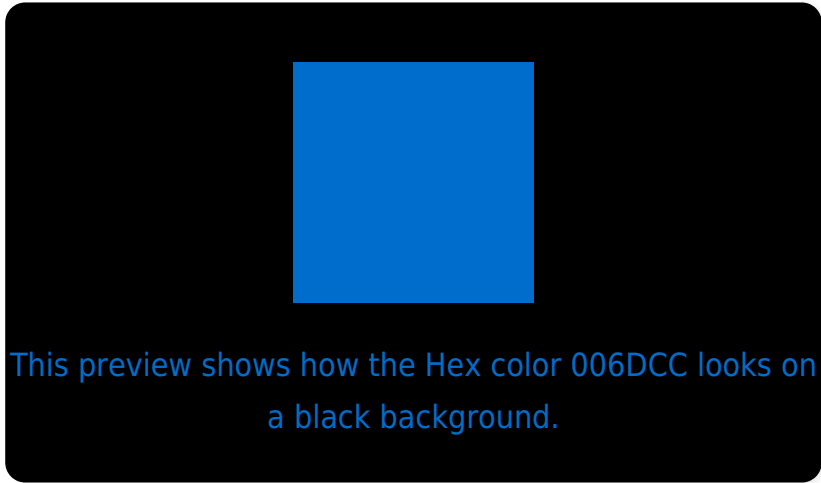
Large Text (above 18pt) WCAG AA ✓ Pass

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

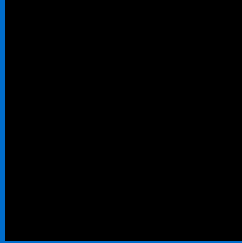
Any Text WCAG AA × Fail

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 006DCC Background



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

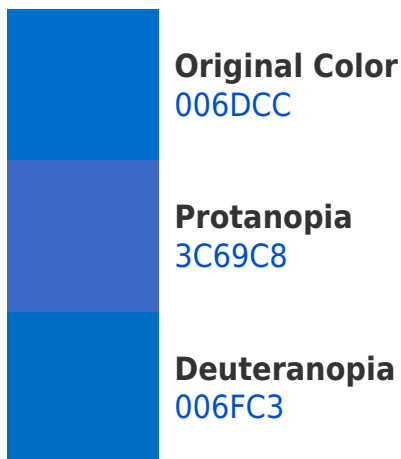


This preview shows how white text looks on a background with the Hex color 006DCC.

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
007981

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #006DCC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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