

Converting Colors

Hex(006DE0)

Have a look what the booklet for
Hex(006DE0) contains.

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Color

Hex(006DE0)

Conversions

Conversions Part 1

Format	Color
Hex	006DE0
RGB	0, 109, 224
RGB Percent	0%, 43%, 88%
CMY	1.0000, 0.5725, 0.1216
CMYK	1.00, 0.51, 0.00, 0.12
HSL	211°, 100%, 44%
HSV	211°, 100%, 88%
XYZ	18.9232, 16.3191, 72.6735
YIQ	89.5190, -101.8790, 12.6570

Conversions

Conversions Part 2

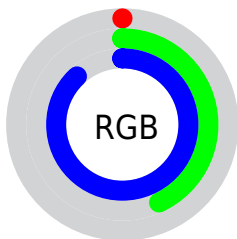
Format	Color
RYB	0, 73, 224
Decimal	28128
CIELab	47.39, 18.72, -65.49
CIELCh	47, 68.115, 285.956
Yxy	16.3191, 0.1754, 0.1512
Android (android.graphics.Color)	4278218208 (0xFF006DE0)
YUV	89.5190, 66.2991, -78.5082
Hunter-Lab	40.3969, 12.9205, -78.3842

Details

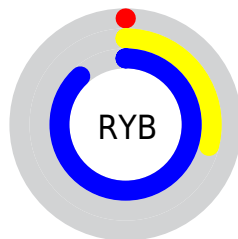
The Hex color **006DE0** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **E07300**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **68A0FF**, and **003FA8** is the 20% darker color. If you saturate the color by 10%, you get **006DE0**, and if you desaturate by 10%, it is **1678E0**.

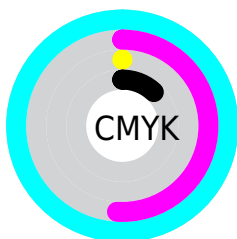
Distribution



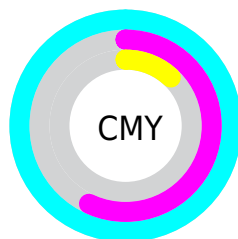
- Red (0%)
- Green (43%)
- Blue (88%)



- Red (0%)
- Yellow (29%)
- Blue (88%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (57%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006DE0 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 006DE0 by changing the saturation by 10% instead.

 006DE0

 006DE0

FFFFFF

 0055C4

 68A0FF

 003FA8

 89BAFF

 002A8D

 A9D6FF

 001972

 C8F2FF

 000759

 E7FFFF

 000741

 00032A

 000114

 000000

■ 006DE0

■ 1678E0

■ 2D84E0

■ 438FE0

■ 5A9BE0

■ 70A6E0

■ 86B2E0

■ 9DBDE0

■ B3C9E0

■ CAD4E0

Harmonies

Analogous

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



007FE1



006DE0



9851C1

Triad

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



006DE0



C3481D



008852

Complementary

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



006DE0



E07300

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.



1B8211



006DE0



9E6400

Square

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



006DE0



D42B55



6C7700



00898E

Rectangle

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



006DE0



BC3AA0



6C7700



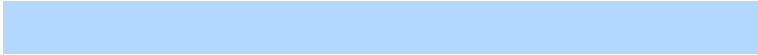
00863E

Sweetspot

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



006DE0



B3D8FF



00E070



526880



000000



808080

Same Dimension

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



006DE0



007CFF



0000E0



656A70



0056B0



001830

Inverse Universe

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



E0006D



FF007C



E0E000



70656A



B00056



300018

Previews

White Background



This preview shows how the Hex color 006DE0 looks on a white background.

Color Contrast Check

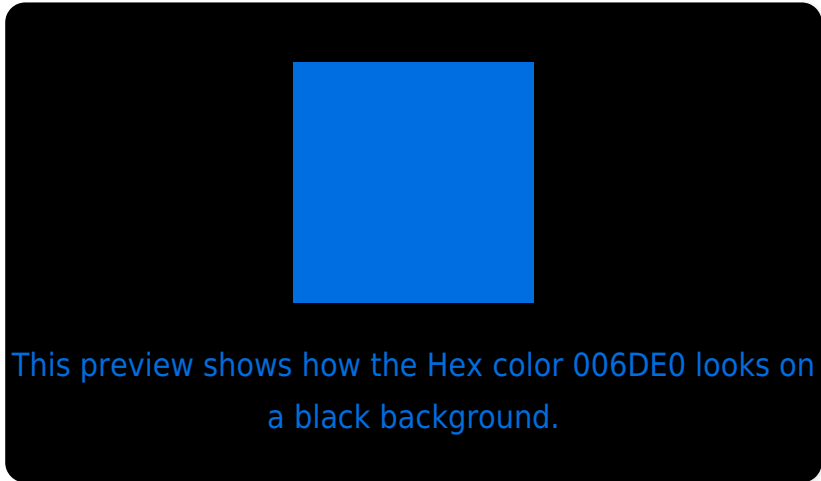
Large Text (above 18pt) WCAG AA ✓ Pass

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

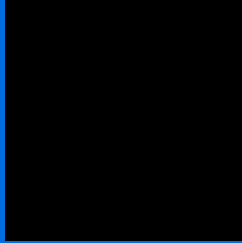
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

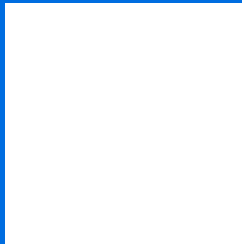
Any Text WCAG AAA × Fail

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

Hex 006DE0 Background



This preview shows how black text looks on a background with the Hex color 006DE0.



This preview shows how white text looks on a background with the Hex color 006DE0.

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](#).

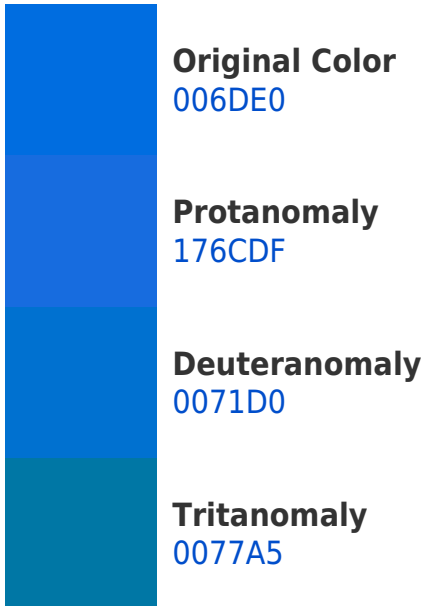
Dichromacy





Tritanopia
007C84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 006DE0 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 #006DE0 looks like.

```
.text, #text, p{  
    color:#006DE0  
}
```

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 #006DE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006DE0  
}
```

Border

The CSS property to change the border of an element to Hex 006DE0 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  
#006DE0 }
```

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

```
.border{ border-color:#006DE0 }
```

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

Here you see how a box with a 4 pixel #006DE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006DE0; -webkit-box-shadow:4px 4px  
4px 4px #006DE0; box-shadow:4px 4px 4px  
4px #006DE0 }
```

Background

The CSS property to change the background color of an element to Hex 006DE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006DE0 }
```

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

```
.background{ background-color:#006DE0 }
```

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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