

Converting Colors

Hex(006DE6)

Have a look what the booklet for
Hex(006DE6) contains.

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Color

Hex(006DE6)

Conversions

Conversions Part 1

Format	Color
Hex	006DE6
RGB	0, 109, 230
RGB Percent	0%, 43%, 90%
CMY	1.0000, 0.5725, 0.0980
CMYK	1.00, 0.53, 0.00, 0.10
HSL	212°, 100%, 45%
HSV	212°, 100%, 90%
XYZ	19.7516, 16.6504, 77.0357
YIQ	90.2030, -103.8050, 14.5230

Conversions

Conversions Part 2

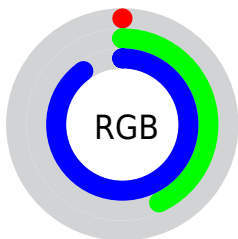
Format	Color
RYB	0, 74, 230
Decimal	28134
CIELab	47.82, 21.09, -68.19
CIELCh	48, 71.371, 287.185
Yxy	16.6504, 0.1741, 0.1468
Android (android.graphics.Color)	4278218214 (0xFF006DE6)
YUV	90.2030, 68.9199, -79.1080
Hunter-Lab	40.8050, 14.9939, -83.3702

Details

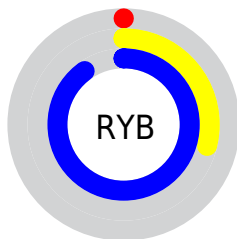
The Hex color **006DE6** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **E67900**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **6AA0FF**, and **003FAD** is the 20% darker color. If you saturate the color by 10%, you get **006DE6**, and if you desaturate by 10%, it is **1779E6**.

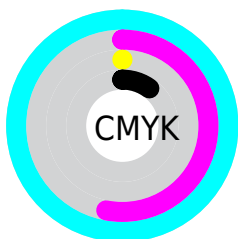
Distribution



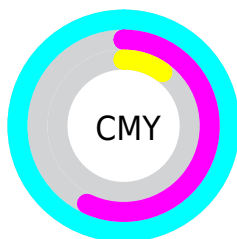
- Red (0%)
- Green (43%)
- Blue (90%)



- Red (0%)
- Yellow (29%)
- Blue (90%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (57%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006DE6 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 006DE6 by changing the saturation by 10% instead.

 006DE6

 006DE6

FFFFFF

 0055C9

 6AA0FF

 003FAD

 8BBAFF

 002B92

 ABD6FF

 001978

 CBF2FF

 00055E

 EAFFFF

 000845

 00042E

 000118

 000000

■ 006DE6

■ 1779E6

■ 2E85E6

■ 4591E6

■ 5C9DE6

■ 73A9E6

■ 8AB6E6

■ A1C2E6

■ B8CEE6

■ CFDAE6

Harmonies

Analogous

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



0080E8



006DE6



9D4EC4

Triad

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



006DE6



C64716



008A55

Complementary

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



006DE6



E67900

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.



02840E



006DE6



9F6500

Square

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



006DE6



D92552



6A7900



008B94

Rectangle

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



006DE6



C335A1



6A7900



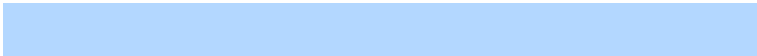
00883F

Sweetspot

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



006DE6



B3D7FF



00E677



526780



000000



808080

Same Dimension

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



006DE6



0079FF



0400E6



676D73



0055B3



001833

Inverse Universe

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



E6006D



FF0079



E2E600



73676D



B30055



330018

Previews

White Background



This preview shows how the Hex color 006DE6 looks on a white background.

Color Contrast Check

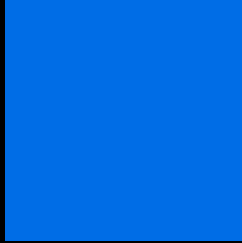
Large Text (above 18pt) WCAG AA ✓ Pass

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 006DE6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

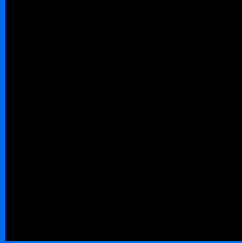
Any Text WCAG AA × Fail

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 006DE6 Background



This preview shows how black text looks on a background with the Hex color 006DE6.



This preview shows how white text looks on a background with the Hex color 006DE6.

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



Original Color
006DE6

Protanopia
146DE6

Deuteranopia
0074C8



Tritanopia
007E85

Trichromacy



Original Color
006DE6

Protanomaly
0D6DE6

Deuteranomaly
0071D3

Tritanomaly
0078A8

Monochromacy



Original Color
006DE6

Achromatopsia
5A5A5A

Achromatomaly
39618D

CSS Examples

Text

The CSS property to change the color of the text to Hex 006DE6 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 #006DE6 looks like.

```
.text, #text, p{  
    color:#006DE6  
}
```

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 #006DE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006DE6
}
```

Border

The CSS property to change the border of an element to Hex 006DE6 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
#006DE6 }
```

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

```
.border{ border-color:#006DE6 }
```

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

Here you see how a box with a 4 pixel #006DE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006DE6; -webkit-box-shadow:4px 4px  
4px 4px #006DE6; box-shadow:4px 4px 4px  
4px #006DE6 }
```

Background

The CSS property to change the background color of an element to Hex 006DE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006DE6 }
```

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

```
.background{ background-color:#006DE6 }
```

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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