

# Converting Colors

Hex(006DB6)

Have a look what the booklet for  
Hex(006DB6) contains.

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# Color

**Hex(006DB6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	006DB6
RGB	0, 109, 182
RGB Percent	0%, 43%, 71%
CMY	1.0000, 0.5725, 0.2863
CMYK	1.00, 0.40, 0.00, 0.29
HSL	204°, 100%, 36%
HSV	204°, 100%, 71%
XYZ	13.9121, 14.3147, 46.2857
YIQ	84.7310, -88.3970, -0.4050

# Conversions

## Conversions Part 2

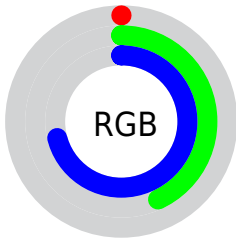
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	0, 68, 182
Decimal	28086
CIE Lab	44.68, 1.95, -45.76
CIE LCh	45, 45.800, 272.439
Yxy	14.3147, 0.1867, 0.1921
Android (android.graphics.Color)	4278218166 (0xFF006DB6)
YUV	84.7310, 47.9536, -74.3091
Hunter-Lab	37.8347, -0.5749, -46.0490

# Details

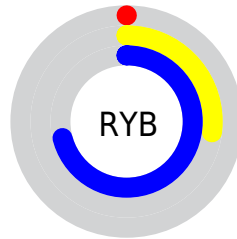
The Hex color **006DB6** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B64900**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **5CA0EE**, and **003E80** is the 20% darker color. If you saturate the color by 10%, you get **006DB6**, and if you desaturate by 10%, it is **1274B6**.

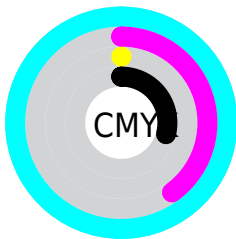
# Distribution



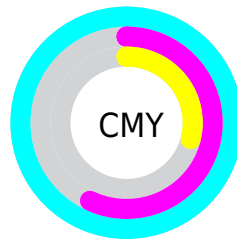
- Red (0%)
- Green (43%)
- Blue (71%)



- Red (0%)
- Yellow (27%)
- Blue (71%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (57%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 006DB6 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 006DB6 by changing the saturation by 10% instead.



■ 006DB6

■ 006DB6

FFFFFF

■ 00559B

■ 5CA0EE

■ 003E80

■ 7BBBFF

■ 002967

■ 99D6FF

■ 00154E

■ B7F3FF

■ 000537

■ D5FFFF

■ 000221

■ F3FFFF

■ 000005

■ 000000

■ 006DB6

 1274B6

 247CB6

 3783B6

 498AB6

 5B92B6

 6D99B6

 7FA0B6

 92A7B6

 A4AFB6

# Harmonies

## Analogous

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



0077AD



006DB6



6F5EAA

# Triad

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



006DB6



AC4C43



137945

# Complementary

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



006DB6



B64900

# 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.



547324



006DB6



995B25

# Square

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



006DB6



AE4668



7B6915



007C6C

# Rectangle

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



006DB6



8F5399



7B6915



317839



# Sweetspot

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



006DB6



A6D1ED



00B649



4D6778



F7F7F7



787878



# Same Dimension

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



006DB6



008EED



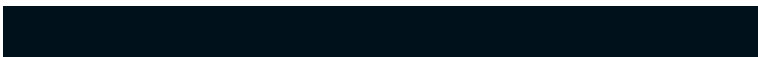
0012B6



53585C



005D9C



00111C



# Inverse Universe

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



B6006D



ED008E



B6A400



5C5358



9C005D



1C0011



# Previews

## White Background



This preview shows how the Hex color 006DB6 looks on a white background.

## Color Contrast Check

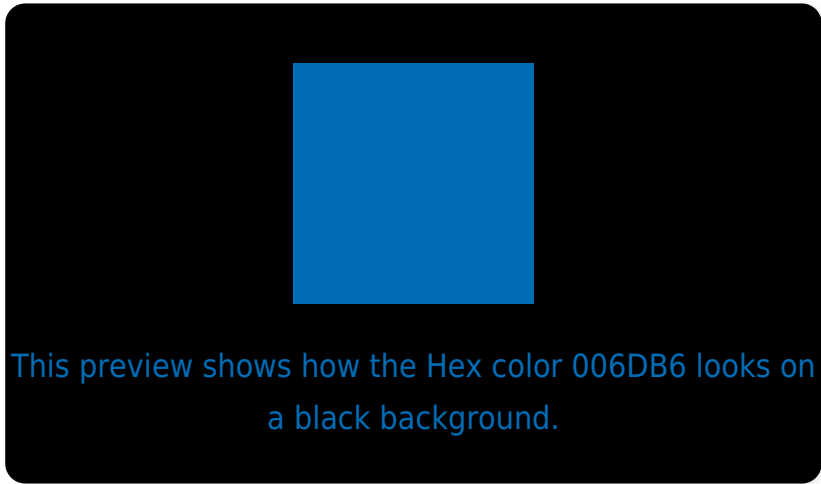
Large Text (above 18pt) WCAG AA ✓ Pass

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

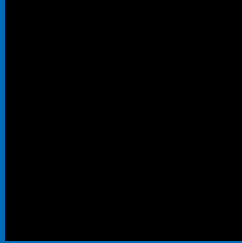
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 006DB6 Background



This preview shows how black text looks on a background with the Hex color 006DB6.

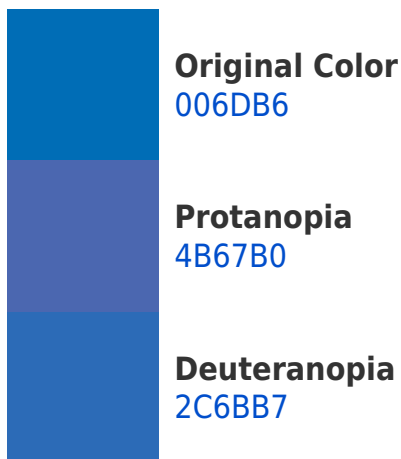


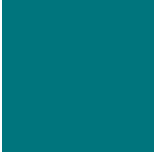
This preview shows how white text looks on a background with the Hex color 006DB6.

# 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](#).

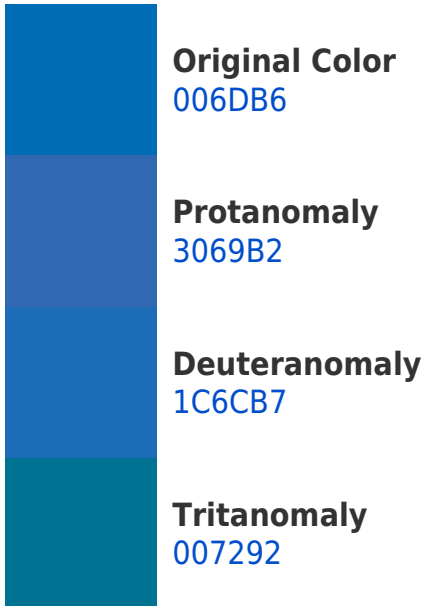
## Dichromacy





**Tritanopia**  
00757D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006DB6 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 #006DB6 looks like.

```
.text, #text, p{  
    color:#006DB6  
}
```

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 #006DB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006DB6
}
```

## Border

The CSS property to change the border of an element to Hex 006DB6 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
#006DB6 }
```

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

```
.border{ border-color:#006DB6 }
```

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

Here you see how a box with a 4 pixel #006DB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006DB6; -webkit-box-shadow:4px 4px  
4px 4px #006DB6; box-shadow:4px 4px 4px  
4px #006DB6 }
```

# Background

The CSS property to change the background color of an element to Hex 006DB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006DB6 }
```

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

```
.background{ background-color:#006DB6 }
```

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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