

# Converting Colors

Hex(006DDA)

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

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# Color

**Hex(006DDA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	006DDA
RGB	0, 109, 218
RGB Percent	0%, 43%, 85%
CMY	1.0000, 0.5725, 0.1451
CMYK	1.00, 0.50, 0.00, 0.15
HSL	210°, 100%, 43%
HSV	210°, 100%, 85%
XYZ	18.1235, 15.9992, 68.4626
YIQ	88.8350, -99.9530, 10.7910

# Conversions

## Conversions Part 2

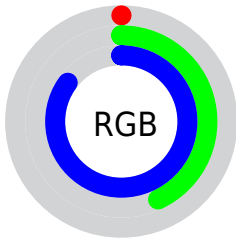
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 73, 218
Decimal	28122
CIELab	46.97, 16.35, -62.77
CIElCh	47, 64.860, 284.600
Yxy	15.9992, 0.1767, 0.1560
Android (android.graphics.Color)	4278218202 (0xFF006DDA)
YUV	88.8350, 63.6783, -77.9083
Hunter-Lab	39.9990, 10.8799, -73.4818

# Details

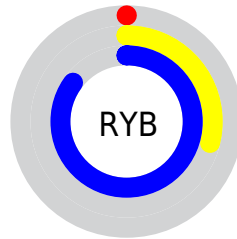
The Hex color **006DDA** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **DA6D00**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **67A0FF**, and **003FA2** is the 20% darker color. If you saturate the color by 10%, you get **006DDA**, and if you desaturate by 10%, it is **1678DA**.

# Distribution



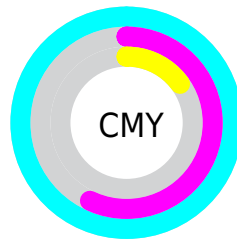
- Red (0%)
- Green (43%)
- Blue (85%)



- Red (0%)
- Yellow (29%)
- Blue (85%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (57%)
- Yellow (15%)

# Brightness & Saturation Gradients

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



006DDA

006DDA

FFFFFF

0055BE

67A0FF

003FA2

87BAFF

002A87

A7D6FF

00186D

C6F2FF

000954

E5FFFF

00063C

000225

00010E

000000

■ 006DDA

■ 1678DA

■ 2C83DA

■ 418EDA

■ 5799DA

■ 6DA3DA

■ 83AEDA

■ 99B9DA

■ AEC4DA

■ C4CFDA

# Harmonies

## Analogous

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



007ED9



006DDA



9253BE

# Triad

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



006DDA



C04823



008650

# Complementary

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



006DDA



DA6D00

# 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.



288014



006DDA



9E6300

# Square

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



006DDA



CF3057



6E7500



008789

# Rectangle

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



006DDA



B63F9F



6E7500



00843D

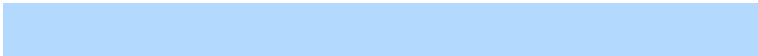


# Sweetspot

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



006DDA



B3D9FF



00DA6D



526980



000000



808080



# Same Dimension

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



006DDA



0080FF



0000DA



63686E



0057AD



00172E



# Inverse Universe

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



DA006D



FF0080



DADA00



6E6368



AD0057



2E0017



# Previews

## White Background



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

## Color Contrast Check

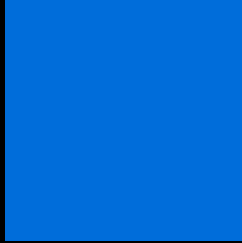
Large Text (above 18pt) WCAG AA ✓ Pass

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 006DDA 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 006DDA Background



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

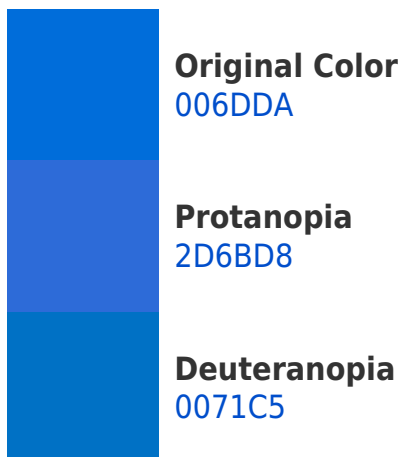


This preview shows how white text looks on a background with the Hex color 006DDA.

# 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](#).

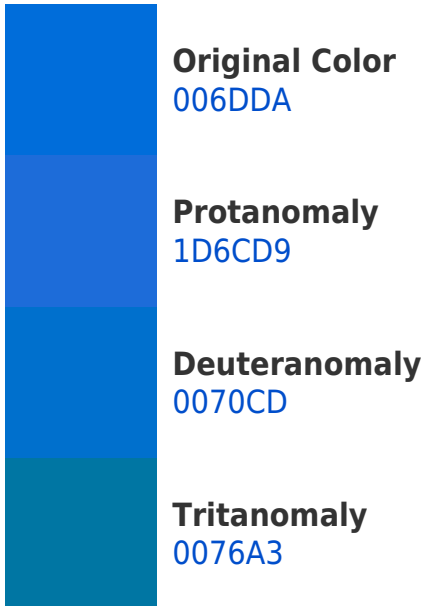
## Dichromacy





**Tritanopia**  
007B83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #006DDA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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