

# Converting Colors

Hex(006AA0)

Have a look what the booklet for  
Hex(006AA0) contains.

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# Color

**Hex(006AA0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	006AA0
RGB	0, 106, 160
RGB Percent	0%, 42%, 63%
CMY	1.0000, 0.5843, 0.3725
CMYK	1.00, 0.34, 0.00, 0.37
HSL	200°, 100%, 31%
HSV	200°, 100%, 63%
XYZ	11.4992, 12.8461, 35.1312
YIQ	80.4620, -80.5100, -5.6780

# Conversions

## Conversions Part 2

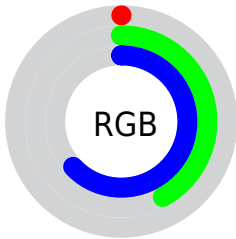
Format	Color
<a href="#">RYB</a>	<a href="#">0, 64, 160</a>
Decimal	<a href="#">27296</a>
CIELab	<a href="#">42.53, -4.99, -36.26</a>
CIELCh	<a href="#">43, 36.602, 262.160</a>
Yxy	<a href="#">12.8461, 0.1933, 0.2160</a>
Android (android.graphics.Color)	<a href="#">4278217376 (0xFF006AA0)</a>
YUV	<a href="#">80.4620, 39.2122, -70.5652</a>
Hunter-Lab	<a href="#">35.8415, -5.4536, -33.0259</a>

# Details

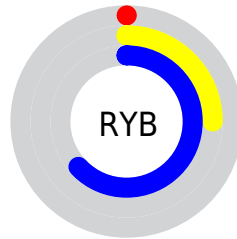
The Hex color **006AA0** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A03600**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **569DD7**, and **003B6C** is the 20% darker color. If you saturate the color by 10%, you get **006AA0**, and if you desaturate by 10%, it is **106FA0**.

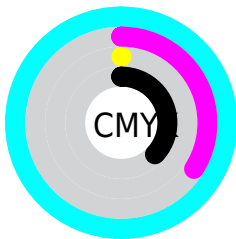
# Distribution



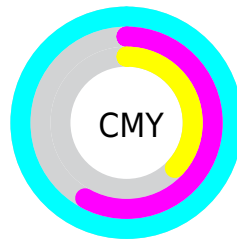
- Red (0%)
- Green (42%)
- Blue (63%)



- Red (0%)
- Yellow (25%)
- Blue (63%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (37%)



- Cyan (100%)
- Magenta (58%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 006AA0 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 006AA0 by changing the saturation by 10% instead.



006AA0

006AA0

FFFFFF

005286

569DD7

003B6C

74B8F4

002653

91D3FF

00113C

AFF0FF

000226

CCFFFF

00010E

EAFFFF

000000

006AA0

106FA0

■ 2075A0

■ 307AA0

■ 4080A0

■ 5085A0

■ 608AA0

■ 7090A0

■ 8095A0

■ 909BA0

# Harmonies

## Analogous

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



007193



006AA0



59609C

# Triad

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



006AA0



9D4C4F



3B703E

# Complementary

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



006AA0



A03600

# 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.



606A2A



006AA0



925536

# Square

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



006AA0



984B6E



7D6027



00735B

# Rectangle

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



006AA0



775891



7D6027



496E36



# Sweetspot

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



006AA0



92BCD1



00A035



435C69



E8E8E8



696969



# Same Dimension

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



006AA0



008BD1



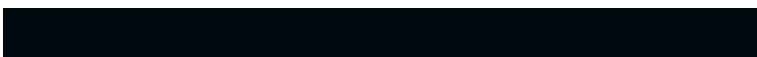
001BA0



474C4F



005F8F



000A0F



# Inverse Universe

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



A0006A



D1008B



A08500



4F474C



8F005F



0F000A



# Previews

## White Background



This preview shows how the Hex color 006AA0 looks on a white background.

### Color Contrast Check

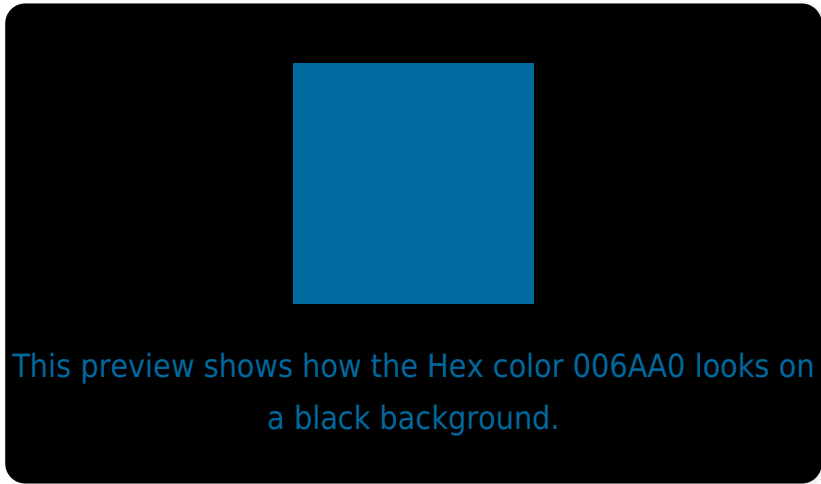
Large Text (above 18pt) WCAG AA ✓ Pass

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

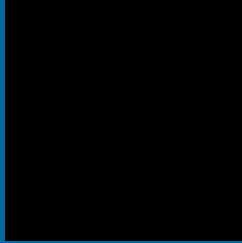
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 006AA0 Background



This preview shows how black text looks on a background with the Hex color 006AA0.

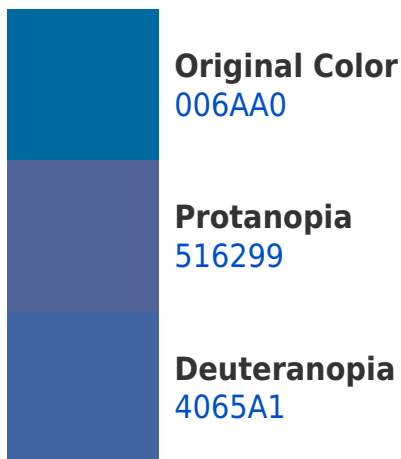


This preview shows how white text looks on a background with the Hex color 006AA0.

# 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](#).

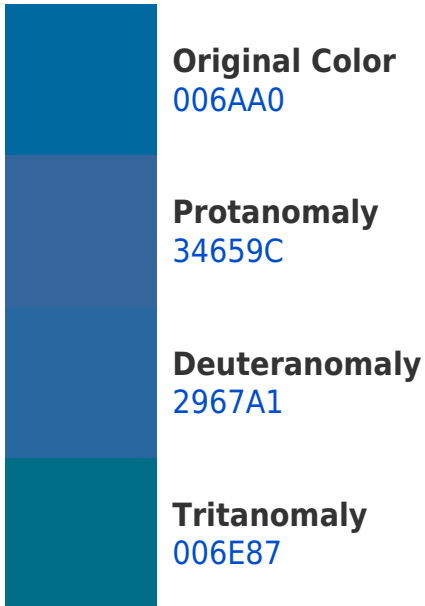
## Dichromacy



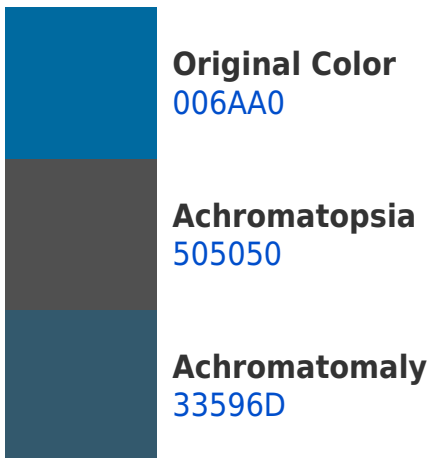


**Tritanopia**  
007078

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006AA0 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 #006AA0 looks like.

```
.text, #text, p{  
    color:#006AA0  
}
```

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 #006AA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006AA0
}
```

## Border

The CSS property to change the border of an element to Hex 006AA0 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
#006AA0 }
```

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

```
.border{ border-color:#006AA0 }
```

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

Here you see how a box with a 4 pixel #006AA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006AA0; -webkit-box-shadow:4px 4px  
4px 4px #006AA0; box-shadow:4px 4px 4px  
4px #006AA0 }
```

# Background

The CSS property to change the background color of an element to Hex 006AA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006AA0 }
```

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

```
.background{ background-color:#006AA0 }
```

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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