

Converting Colors

Hex(006FA0)

Have a look what the booklet for
Hex(006FA0) contains.

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Color

Hex(006FA0)

Conversions

Conversions Part 1

Format	Color
Hex	006FA0
RGB	0, 111, 160
RGB Percent	0%, 44%, 63%
CMY	1.0000, 0.5647, 0.3725
CMYK	1.00, 0.31, 0.00, 0.37
HSL	198°, 100%, 31%
HSV	198°, 100%, 63%
XYZ	12.0296, 13.9069, 35.3080
YIQ	83.3970, -81.8850, -8.2930

Conversions

Conversions Part 2

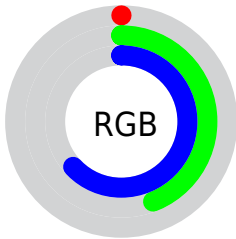
Format	Color
RYB	0, 66, 160
Decimal	28576
CIELab	44.10, -8.01, -33.79
CIELCh	44, 34.722, 256.663
Yxy	13.9069, 0.1964, 0.2271
Android (android.graphics.Color)	4278218656 (0xFF006FA0)
YUV	83.3970, 37.7653, -73.1392
Hunter-Lab	37.2920, -7.6808, -30.0312

Details

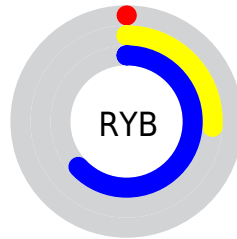
The Hex color **006FA0** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A03100**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **57A2D7**, and **00406C** is the 20% darker color. If you saturate the color by 10%, you get **006FA0**, and if you desaturate by 10%, it is **1074A0**.

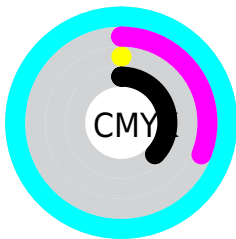
Distribution



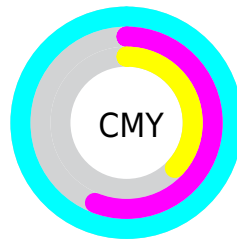
- Red (0%)
- Green (44%)
- Blue (63%)



- Red (0%)
- Yellow (26%)
- Blue (63%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (37%)



- Cyan (100%)
- Magenta (56%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006FA0 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 006FA0 by changing the saturation by 10% instead.

 006FA0

 006FA0

FFFFFF

 005786

 57A2D7

 00406C

 75BDF4

 002A54

 92D9FF

 00163C

 AFF6FF

 000226

 CDFFFF

 00010F

 EAFFFF

 000000

 006FA0

 1074A0

■ 2079A0

■ 307EA0

■ 4083A0

■ 5088A0

■ 608CA0

■ 7091A0

■ 8096A0

■ 909BA0

Harmonies

Analogous

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



007591



006FA0



55669F

Triad

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



006FA0



9F5159



49723F

Complementary

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



006FA0



A03100

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.



6A6C2F



006FA0



97583F

Square

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



006FA0



975276



84622F



17765A

Rectangle

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



006FA0



735E97



84622F



557138

Sweetspot

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



006FA0



92BED1



00A030



435D69



E8E8E8



696969

Same Dimension

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



006FA0



0091D1



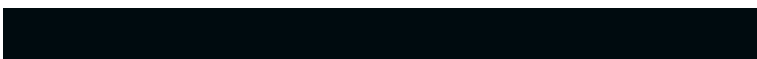
0020A0



474D4F



00638F



000B0F

Inverse Universe

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



A0006F



D10091



A08000



4F474D



8F0063



0F000B

Previews

White Background



This preview shows how the Hex color 006FA0 looks on a white background.

Color Contrast Check

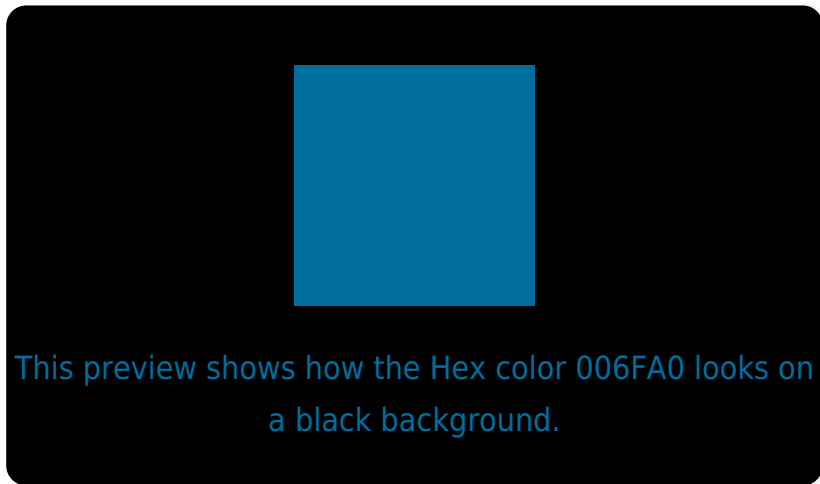
Large Text (above 18pt) WCAG AA ✓ Pass

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

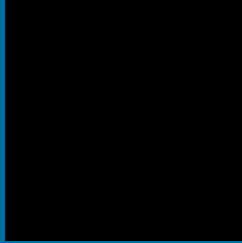
Any Text WCAG AA × Fail

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 006FA0 Background



This preview shows how black text looks on a background with the Hex color 006FA0.

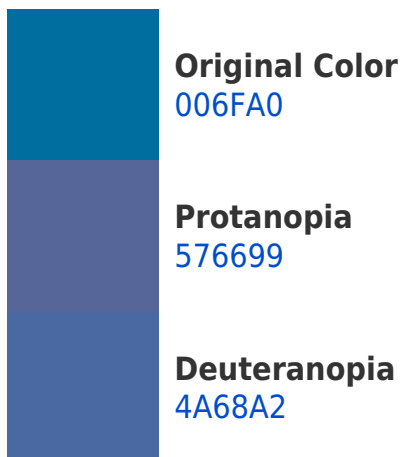


This preview shows how white text looks on a background with the Hex color 006FA0.

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](#).

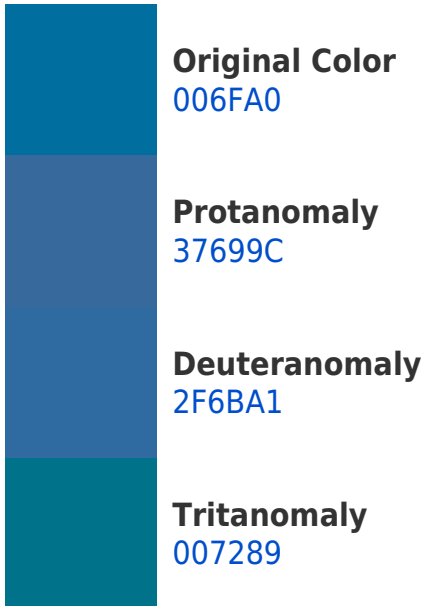
Dichromacy



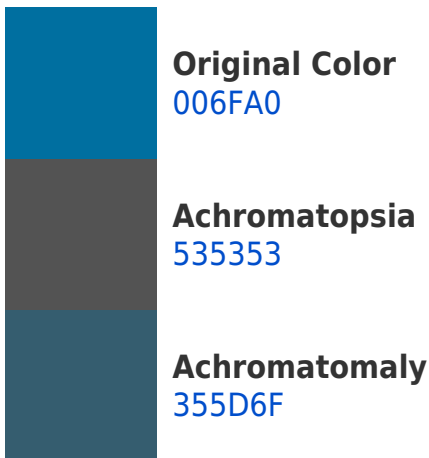


Tritanopia
00747C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 006FA0 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 #006FA0 looks like.

```
.text, #text, p{  
    color:#006FA0  
}
```

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 #006FA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006FA0
}
```

Border

The CSS property to change the border of an element to Hex 006FA0 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
#006FA0 }
```

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

```
.border{ border-color:#006FA0 }
```

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

Here you see how a box with a 4 pixel #006FA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006FA0; -webkit-box-shadow:4px 4px  
4px 4px #006FA0; box-shadow:4px 4px 4px  
4px #006FA0 }
```

Background

The CSS property to change the background color of an element to Hex 006FA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006FA0 }
```

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

```
.background{ background-color:#006FA0 }
```

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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