

Converting Colors

Hex(006AA7)

Have a look what the booklet for
Hex(006AA7) contains.

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Color

Hex(006AA7)

Conversions

Conversions Part 1

Format	Color
Hex	006AA7
RGB	0, 106, 167
RGB Percent	0%, 42%, 65%
CMY	1.0000, 0.5843, 0.3451
CMYK	1.00, 0.37, 0.00, 0.35
HSL	202°, 100%, 33%
HSV	202°, 100%, 65%
XYZ	12.1291, 13.0981, 38.4481
YIQ	81.2600, -82.7570, -3.5010

Conversions

Conversions Part 2

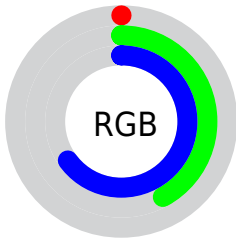
Format	Color
RYB	0, 65, 167
Decimal	27303
CIELab	42.91, -2.20, -39.79
CIElCh	43, 39.853, 266.841
Yxy	13.0981, 0.1905, 0.2057
Android (android.graphics.Color)	4278217383 (0xFF006AA7)
YUV	81.2600, 42.2698, -71.2650
Hunter-Lab	36.1913, -3.5126, -37.6534

Details

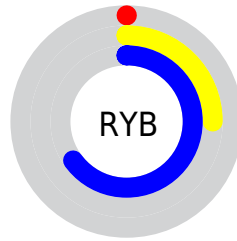
The Hex color **006AA7** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A73D00**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **589DDF**, and **003B73** is the 20% darker color. If you saturate the color by 10%, you get **006AA7**, and if you desaturate by 10%, it is **1170A7**.

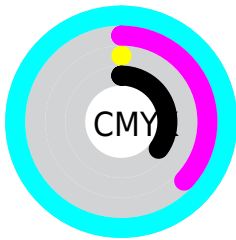
Distribution



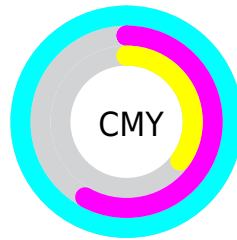
- Red (0%)
- Green (42%)
- Blue (65%)



- Red (0%)
- Yellow (25%)
- Blue (65%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (58%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006AA7 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 006AA7 by changing the saturation by 10% instead.

■ 006AA7

■ 006AA7

FFFFFF

■ 00528C

■ 589DDF

■ 003B73

■ 76B8FB

■ 00265A

■ 94D3FF

■ 001142

■ B1F0FF

■ 00032B

■ CFFFFF

■ 000115

■ EDFFFF

■ 000000

■ 006AA7

■ 1170A7

■ 2176A7

■ 327CA7

■ 4382A7

■ 5388A7

■ 648FA7

■ 7595A7

■ 869BA7

■ 96A1A7

Harmonies

Analogous

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



00729C



006AA7



615EA0

Triad

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



006AA7



A14B49



2F7240

Complementary

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



006AA7



A73D00

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.



5A6C27



006AA7



93562E

Square

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



006AA7



9F486A



7B6220



007561

Rectangle

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



006AA7



7F5593



7B6220



407136

Sweetspot

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



006AA7



98C1D9



00A73A



465F6E



EDEDED



6E6E6E

Same Dimension

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



006AA7



008AD9



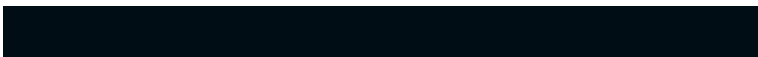
0019A7



4C5154



005E94



000D14

Inverse Universe

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



A7006A



D9008A



A78E00



544C51



94005E



14000D

Previews

White Background



This preview shows how the Hex color 006AA7 looks on a white background.

Color Contrast Check

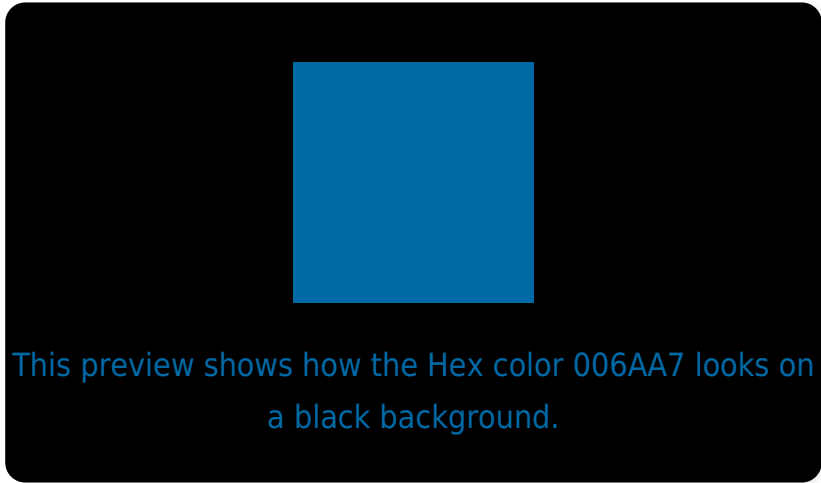
Large Text (above 18pt) WCAG AA ✓ Pass

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

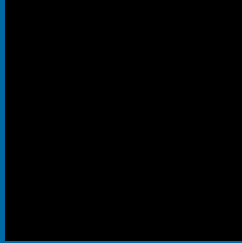
Any Text WCAG AA × Fail

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 006AA7 Background



This preview shows how black text looks on a background with the Hex color 006AA7.

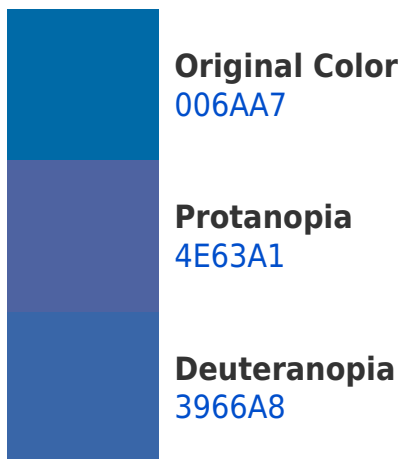


This preview shows how white text looks on a background with the Hex color 006AA7.

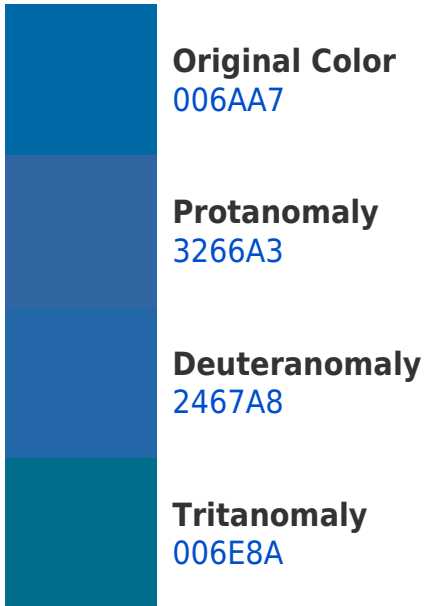
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 006AA7 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 #006AA7 looks like.

```
.text, #text, p{  
    color:#006AA7  
}
```

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 #006AA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006AA7
}
```

Border

The CSS property to change the border of an element to Hex 006AA7 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
#006AA7 }
```

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

```
.border{ border-color:#006AA7 }
```

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

Here you see how a box with a 4 pixel #006AA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006AA7; -webkit-box-shadow:4px 4px  
4px 4px #006AA7; box-shadow:4px 4px 4px  
4px #006AA7 }
```

Background

The CSS property to change the background color of an element to Hex 006AA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006AA7 }
```

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

```
.background{ background-color:#006AA7 }
```

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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