

Converting Colors

Hex(006BA9)

Have a look what the booklet for
Hex(006BA9) contains.

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Color

Hex(006BA9)

Conversions

Conversions Part 1

Format	Color
Hex	006BA9
RGB	0, 107, 169
RGB Percent	0%, 42%, 66%
CMY	1.0000, 0.5804, 0.3373
CMYK	1.00, 0.37, 0.00, 0.34
HSL	202°, 100%, 33%
HSV	202°, 100%, 66%
XYZ	12.4191, 13.3800, 39.4641
YIQ	82.0750, -83.6740, -3.4020

Conversions

Conversions Part 2

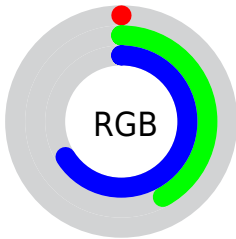
Format	Color
R_{YB}	0, 66, 169
Decimal	27561
CIE _{Lab}	43.33, -2.01, -40.30
CIE _{LCh}	43, 40.354, 267.139
Yxy	13.3800, 0.1903, 0.2050
Android (android.graphics.Color)	4278217641 (0xFF006BA9)
YUV	82.0750, 42.8540, -71.9798
Hunter-Lab	36.5786, -3.4085, -38.3621

Details

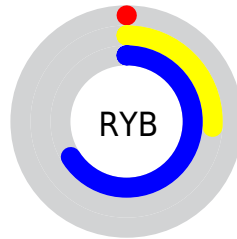
The Hex color **006BA9** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A93E00**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **599EE1**, and **003C74** is the 20% darker color. If you saturate the color by 10%, you get **006BA9**, and if you desaturate by 10%, it is **1171A9**.

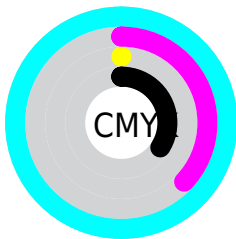
Distribution



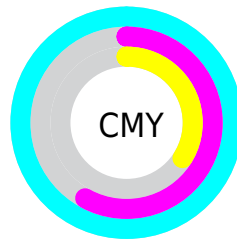
- Red (0%)
- Green (42%)
- Blue (66%)



- Red (0%)
- Yellow (26%)
- Blue (66%)



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



- Cyan (100%)
- Magenta (58%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006BA9 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 006BA9 by changing the saturation by 10% instead.

006BA9

006BA9

FFFFFF

00538E

599EE1

003C74

77B9FD

00275B

95D4FF

001243

B2F1FF

00032D

D0FFFF

000117

EEFFFF

000000

006BA9

1171A9

■ 2277A9

■ 337EA9

■ 4484A9

■ 548AA9

■ 6590A9

■ 7696A9

■ 879DA9

■ 98A3A9

Harmonies

Analogous

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



00739E



006BA9



625FA2

Triad

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



006BA9



A34C4A



2F7441

Complementary

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



006BA9



A93E00

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.



5B6D27



006BA9



95572E

Square

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



006BA9



A1496B



7C6420



007762

Rectangle

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



006BA9



815694



7C6420



407237

Sweetspot

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



006BA9



9AC3DB



00A93E



465F6E



EDEDED



6E6E6E

Same Dimension

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



006BA9



008BDB



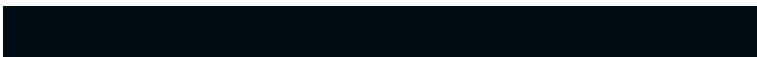
0017A9



4C5154



005E94



000D14

Inverse Universe

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



A9006B



DB008B



A99200



544C51



94005E



14000D

Previews

White Background



This preview shows how the Hex color 006BA9 looks on a white background.

Color Contrast Check

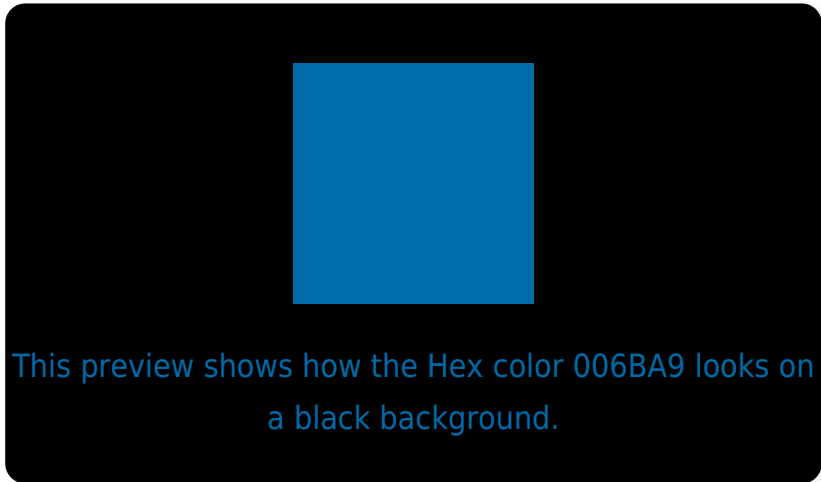
Large Text (above 18pt) WCAG AA ✓ Pass

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

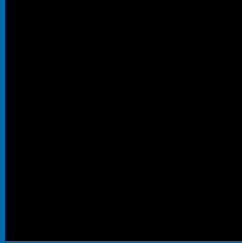
Any Text WCAG AA × Fail

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 006BA9 Background



This preview shows how black text looks on a background with the Hex color 006BA9.

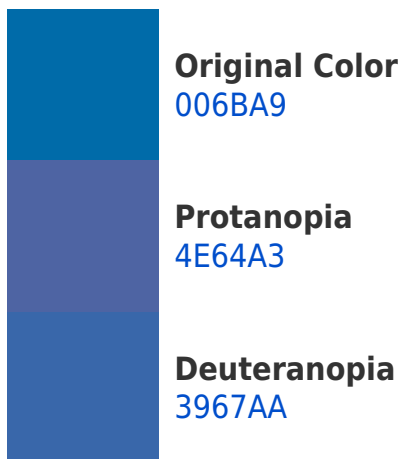


This preview shows how white text looks on a background with the Hex color 006BA9.

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



Original Color
006BA9

Protanomaly
3267A5

Deuteranomaly
2468AA

Monochromacy



Original Color
006BA9

Achromatopsia
525252

Achromatomaly
345B72

CSS Examples

Text

The CSS property to change the color of the text to Hex 006BA9 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 #006BA9 looks like.

```
.text, #text, p{  
    color:#006BA9  
}
```

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 #006BA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006BA9
}
```

Border

The CSS property to change the border of an element to Hex 006BA9 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
#006BA9 }
```

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

```
.border{ border-color:#006BA9 }
```

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

Here you see how a box with a 4 pixel #006BA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006BA9; -webkit-box-shadow:4px 4px  
4px 4px #006BA9; box-shadow:4px 4px 4px  
4px #006BA9 }
```

Background

The CSS property to change the background color of an element to Hex 006BA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006BA9 }
```

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

```
.background{ background-color:#006BA9 }
```

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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