

Converting Colors

Hex(006DA9)

Have a look what the booklet for
Hex(006DA9) contains.

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Color

Hex(006DA9)

Conversions

Conversions Part 1

Format	Color
Hex	006DA9
RGB	0, 109, 169
RGB Percent	0%, 43%, 66%
CMY	1.0000, 0.5725, 0.3373
CMYK	1.00, 0.36, 0.00, 0.34
HSL	201°, 100%, 33%
HSV	201°, 100%, 66%
XYZ	12.6301, 13.8019, 39.5345
YIQ	83.2490, -84.2240, -4.4480

Conversions

Conversions Part 2

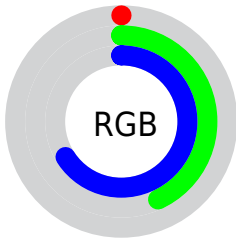
Format	Color
R _Y B	0, 66, 169
Decimal	28073
CIE Lab	43.95, -3.25, -39.32
CIE LCh	44, 39.458, 265.281
Yxy	13.8019, 0.1915, 0.2092
Android (android.graphics.Color)	4278218153 (0xFF006DA9)
YUV	83.2490, 42.2752, -73.0094
Hunter-Lab	37.1508, -4.3298, -37.0885

Details

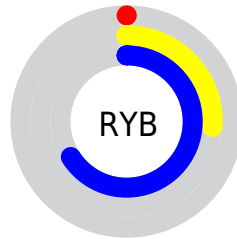
The Hex color **006DA9** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A93C00**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **59A0E1**, and **003E74** is the 20% darker color. If you saturate the color by 10%, you get **006DA9**, and if you desaturate by 10%, it is **1173A9**.

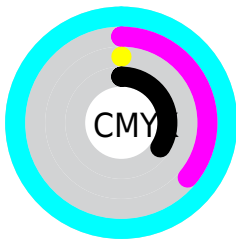
Distribution



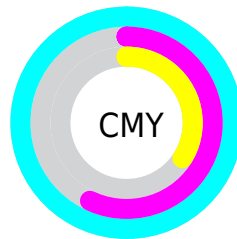
- Red (0%)
- Green (43%)
- Blue (66%)



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



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (34%)



- Cyan (100%)
- Magenta (57%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006DA9 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 006DA9 by changing the saturation by 10% instead.

006DA9

006DA9

FFFFFF

00558E

59A0E1

003E74

77BBFD

00295B

95D7FF

001443

B2F3FF

00032D

D0FFFF

000117

EEFFFF

000000

006DA9

1173A9

■ 2279A9

■ 337FA9

■ 4485A9

■ 548BA9

■ 6591A9

■ 7697A9

■ 879DA9

■ 98A3A9

Harmonies

Analogous

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



00759D



006DA9



6161A3

Triad

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



006DA9



A44D4E



357541

Complementary

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



006DA9



A93C00

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.



5F6E29



006DA9



975833

Square

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



006DA9



A14C6E



7F6423



007861

Rectangle

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



006DA9



7F5896



7F6423



457338

Sweetspot

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



006DA9



9AC4DB



00A93B



46606E



EDEDED



6E6E6E

Same Dimension

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



006DA9



008DDB



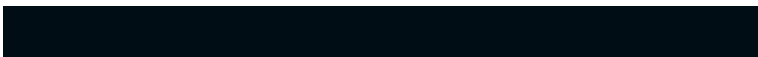
0019A9



4C5154



005F94



000D14

Inverse Universe

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



A9006D



DB008D



A99000



544C51



94005F



14000D

Previews

White Background



This preview shows how the Hex color 006DA9 looks on a white background.

Color Contrast Check

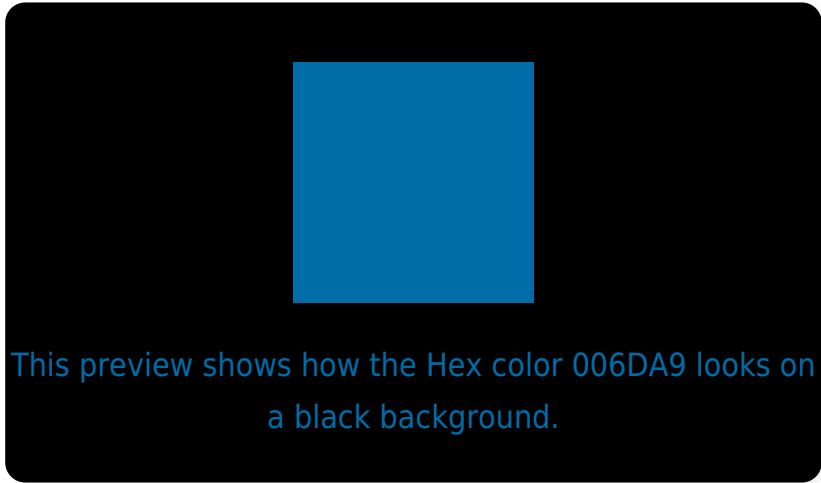
Large Text (above 18pt) WCAG AA ✓ Pass

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

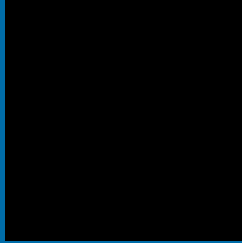
Any Text WCAG AA × Fail

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 006DA9 Background



This preview shows how black text looks on a background with the Hex color 006DA9.

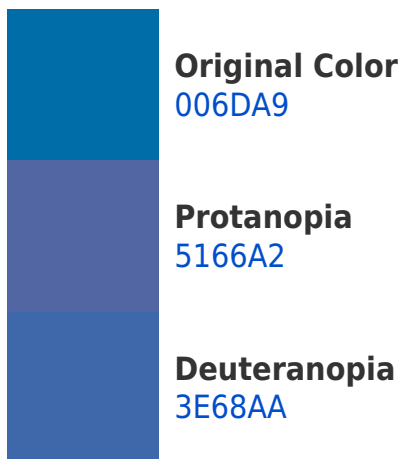


This preview shows how white text looks on a background with the Hex color 006DA9.

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](#).

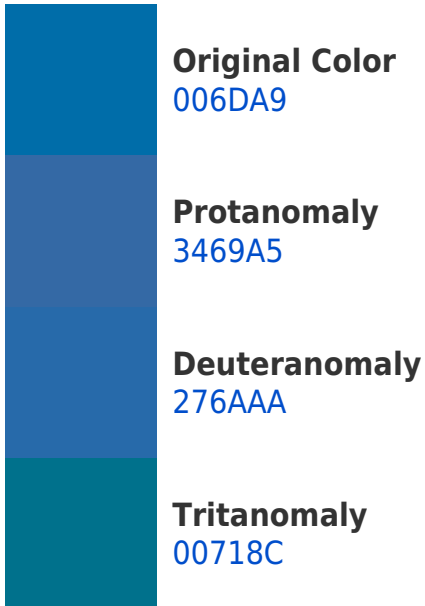
Dichromacy





Tritanopia
00737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 006DA9 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 #006DA9 looks like.

```
.text, #text, p{  
    color:#006DA9  
}
```

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 #006DA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006DA9
}
```

Border

The CSS property to change the border of an element to Hex 006DA9 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
#006DA9 }
```

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

```
.border{ border-color:#006DA9 }
```

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

Here you see how a box with a 4 pixel #006DA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006DA9; -webkit-box-shadow:4px 4px  
4px 4px #006DA9; box-shadow:4px 4px 4px  
4px #006DA9 }
```

Background

The CSS property to change the background color of an element to Hex 006DA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006DA9 }
```

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

```
.background{ background-color:#006DA9 }
```

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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