

Converting Colors

Hex(0069AD)

Have a look what the booklet for
Hex(0069AD) contains.

Hex(0069AD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0069AD)

Conversions

Conversions Part 1

Format	Color
Hex	0069AD
RGB	0, 105, 173
RGB Percent	0%, 41%, 68%
CMY	1.0000, 0.5882, 0.3216
CMYK	1.00, 0.39, 0.00, 0.32
HSL	204°, 100%, 34%
HSV	204°, 100%, 68%
XYZ	12.5944, 13.1203, 41.4038
YIQ	81.3570, -84.4080, -1.1120

Conversions

Conversions Part 2

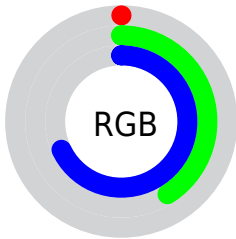
Format	Color
RYB	0, 65, 173
Decimal	27053
CIELab	42.94, 0.84, -43.27
CIELCh	43, 43.277, 271.111
Yxy	13.1203, 0.1876, 0.1955
Android (android.graphics.Color)	4278217133 (0xFF0069AD)
YUV	81.3570, 45.1800, -71.3501
Hunter-Lab	36.2219, -1.3237, -42.4167

Details

The Hex color **0069AD** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AD4400**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **5A9CE5**, and **003B78** is the 20% darker color. If you saturate the color by 10%, you get **0069AD**, and if you desaturate by 10%, it is **1170AD**.

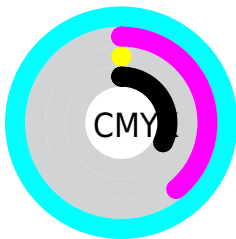
Distribution



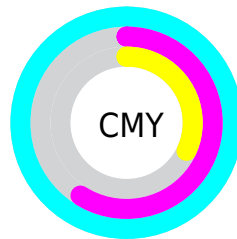
- Red (0%)
- Green (41%)
- Blue (68%)



- Red (0%)
- Yellow (25%)
- Blue (68%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (59%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0069AD 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 0069AD by changing the saturation by 10% instead.

0069AD

0069AD

FFFFFF

005192

5A9CE5

003B78

78B7FF

00265F

96D2FF

001047

B4EEFF

000430

D1FFFF

00011A

FFFFFF

000000

0069AD

1170AD

■ 2377AD

■ 347DAD

■ 4584AD

■ 578BAD

■ 6892AD

■ 7999AD

■ 8A9FAD

■ 9CA6AD

Harmonies

Analogous

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



0072A4



0069AD



685BA3

Triad

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



0069AD



A44943



1C7441

Complementary

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



0069AD



AD4400

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.



536E24



0069AD



935726

Square

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



0069AD



A54466



776417



007766

Rectangle

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



0069AD



875193



776417



347236

Sweetspot

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



0069AD



9DC6E0



00AD42



486070



F0F0F0



707070

Same Dimension

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



0069AD



0088E0



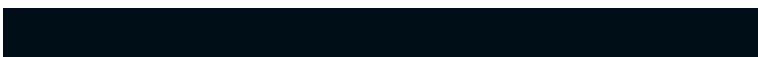
0014AD



4E5357



005B96



000E17

Inverse Universe

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



AD0069



E00088



AD9900



574E53



96005B



17000E

Previews

White Background



This preview shows how the Hex color 0069AD looks on a white background.

Color Contrast Check

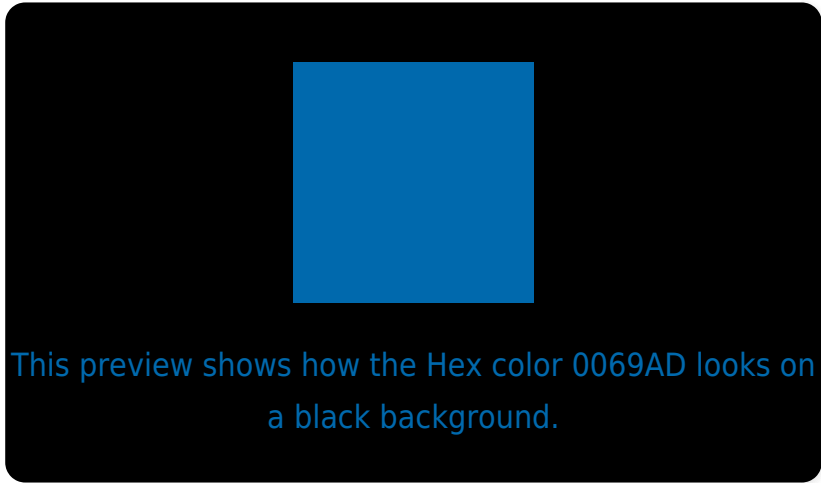
Large Text (above 18pt) WCAG AA ✓ Pass

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

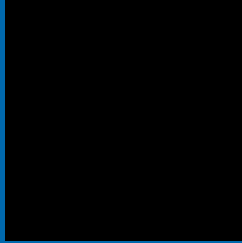
Any Text WCAG AA × Fail

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 0069AD Background



This preview shows how black text looks on a background with the Hex color 0069AD.

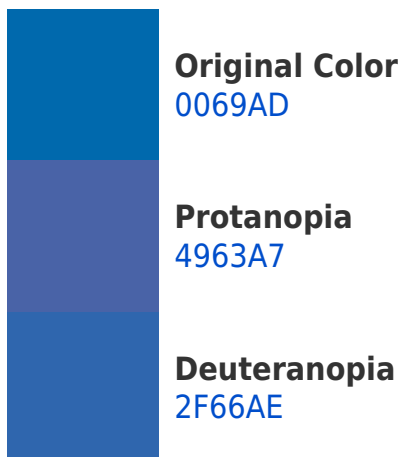


This preview shows how white text looks on a background with the Hex color 0069AD.

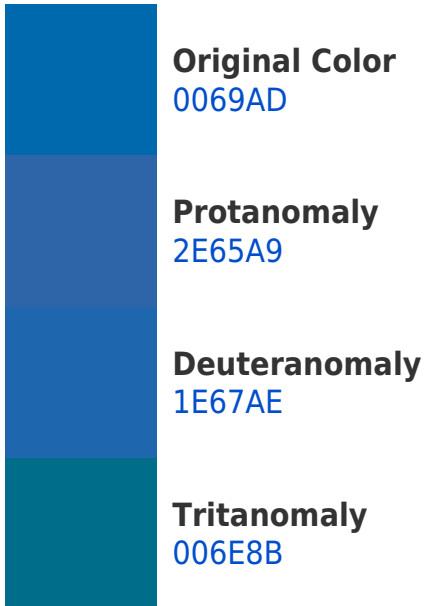
Color Blindness Simulation

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 0069AD 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 #0069AD looks like.

```
.text, #text, p{  
    color:#0069AD  
}
```

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 #0069AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0069AD
}
```

Border

The CSS property to change the border of an element to Hex 0069AD 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
#0069AD }
```

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

```
.border{ border-color:#0069AD }
```

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

Here you see how a box with a 4 pixel #0069AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0069AD; -webkit-box-shadow:4px 4px  
4px 4px #0069AD; box-shadow:4px 4px 4px  
4px #0069AD }
```

Background

The CSS property to change the background color of an element to Hex 0069AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0069AD }
```

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

```
.background{ background-color:#0069AD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor