

# Converting Colors

Hex(067DAD)

Have a look what the booklet for  
Hex(067DAD) contains.

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# Color

**Hex(067DAD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	067DAD
RGB	6, 125, 173
RGB Percent	2%, 49%, 68%
CMY	0.9765, 0.5098, 0.3216
CMYK	0.97, 0.28, 0.00, 0.32
HSL	197°, 93%, 35%
HSV	197°, 97%, 68%
XYZ	14.9515, 17.7231, 42.1680
YIQ	94.8910, -86.3320, -10.3000

# Conversions

## Conversions Part 2

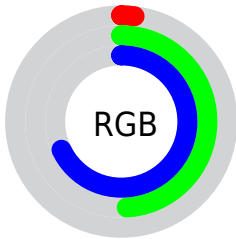
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 75, 173
Decimal	425389
CIELab	49.16, -10.95, -33.44
CIElCh	49, 35.186, 251.876
Yxy	17.7231, 0.1998, 0.2368
Android (android.graphics.Color)	4278615469 (0xFF067DAD)
YUV	94.8910, 38.5077, -77.9574
Hunter-Lab	42.0988, -10.2779, -29.9184

# Details

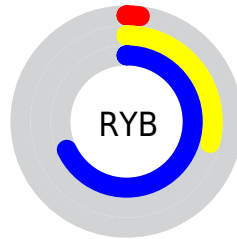
The Hex color **067DAD** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **AD3606**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5CB2E5**, and **004C78** is the 20% darker color. If you saturate the color by 10%, you get **007BAD**, and if you desaturate by 10%, it is **1782AD**.

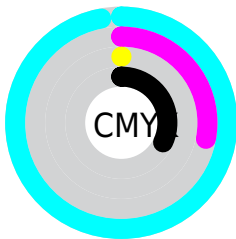
# Distribution



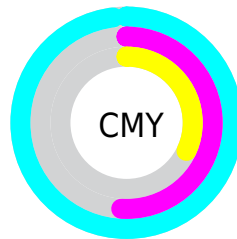
- Red (2%)
- Green (49%)
- Blue (68%)



- Red (2%)
- Yellow (29%)
- Blue (68%)



- Cyan (97%)
- Magenta (28%)
- Yellow (0%)
- Black (32%)



- Cyan (98%)
- Magenta (51%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 067DAD 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 067DAD by changing the saturation by 10% instead.



067DAD

067DAD

FFFFFF

006492

5CB2E5

004C78

7BCDFF

00365F

98E9FF

002147

B6FFFF

000431

D4FFFF

00011B

F2FFFF

000000

067DAD

067DAD

007BAD

1782AD

■ 2987AD

■ 3A8CAD

■ 4B91AD

■ 5D96AD

■ 6E9BAD

■ 7FA0AD

■ 90A5AD

■ A2AAAD

# Harmonies

## Analogous

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



00829C



067DAD



5A74AF

# Triad

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



067DAD



AE5C6A



5B7F47

# Complementary

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



067DAD



AD3606

# 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.



7C7739



067DAD



A8624E

# Square

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



067DAD



A35F88



966D3C



308361

# Rectangle

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



067DAD



7A6CA8



966D3C



667C41



# Sweetspot

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



067DAD



9FCEE0



06AD35



496570



F0F0F0



707070



# Same Dimension

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



067DAD



00A0E0



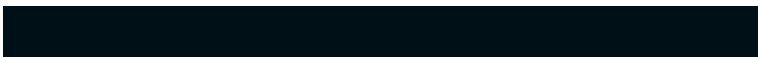
062AAD



4E5457



006B96



001017



# Inverse Universe

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



AD067D



E000A0



AD8906



574E54



96006B



170010



# Previews

## White Background



This preview shows how the Hex color 067DAD 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



This preview shows how the Hex color 067DAD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

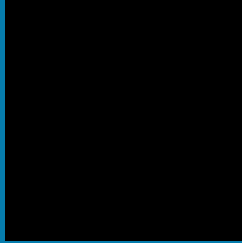
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 067DAD Background



This preview shows how black text looks on a background with the Hex color 067DAD.

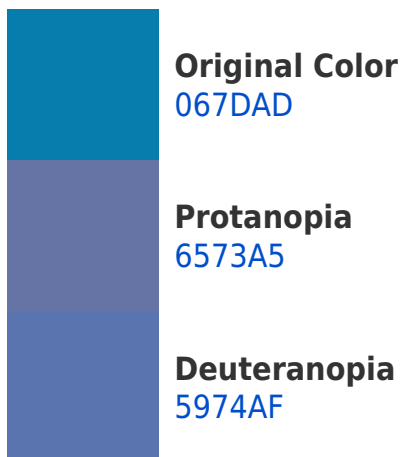


This preview shows how white text looks on a background with the Hex color 067DAD.

# 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**  
00818B

# Trichromacy



**Original Color**  
067DAD



**Protanomaly**  
4277A8



**Deuteranomaly**  
3B77AE



**Tritanomaly**  
028097

# Monochromacy



**Original Color**  
067DAD



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
3F6A7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 067DAD 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 #067DAD looks like.

```
.text, #text, p{  
    color:#067DAD  
}
```

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 #067DAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #067DAD
}
```

## Border

The CSS property to change the border of an element to Hex 067DAD 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
#067DAD }
```

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

```
.border{ border-color:#067DAD }
```

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

Here you see how a box with a 4 pixel #067DAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #067DAD; -webkit-box-shadow:4px 4px  
4px 4px #067DAD; box-shadow:4px 4px 4px  
4px #067DAD }
```

# Background

The CSS property to change the background color of an element to Hex 067DAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#067DAD }
```

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

```
.background{ background-color:#067DAD }
```

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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