

Converting Colors

Hex(0076AD)

Have a look what the booklet for
Hex(0076AD) contains.

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Color

Hex(0076AD)

Conversions

Conversions Part 1

Format	Color
Hex	0076AD
RGB	0, 118, 173
RGB Percent	0%, 46%, 68%
CMY	1.0000, 0.5373, 0.3216
CMYK	1.00, 0.32, 0.00, 0.32
HSL	199°, 100%, 34%
HSV	199°, 100%, 68%
XYZ	14.0213, 15.9740, 41.8795
YIQ	88.9880, -87.9830, -7.9110

Conversions

Conversions Part 2

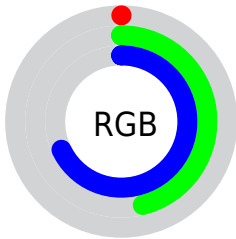
Format	Color
RYB	0, 70, 173
Decimal	30381
CIELab	46.94, -7.10, -36.93
CIELCh	47, 37.608, 259.114
Yxy	15.9740, 0.1951, 0.2222
Android (android.graphics.Color)	4278220461 (0xFF0076AD)
YUV	88.9880, 41.4179, -78.0425
Hunter-Lab	39.9675, -7.3223, -34.1491

Details

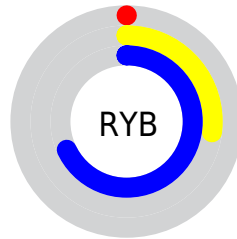
The Hex color **0076AD** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **AD3700**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **5AAAE5**, and **004678** is the 20% darker color. If you saturate the color by 10%, you get **0076AD**, and if you desaturate by 10%, it is **117BAD**.

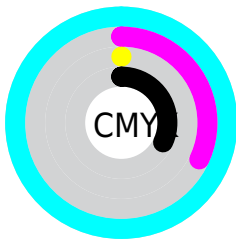
Distribution



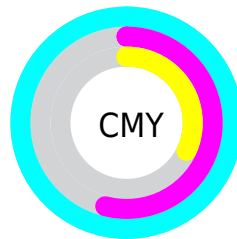
- Red (0%)
- Green (46%)
- Blue (68%)



- Red (0%)
- Yellow (27%)
- Blue (68%)



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



- Cyan (100%)
- Magenta (54%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0076AD 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 0076AD by changing the saturation by 10% instead.

0076AD

0076AD

FFFFFF

005D92

5AAAE5

004678

79C5FF

00305F

97E1FF

001C47

B4FEFF

000430

D2FFFF

00011B

F0FFFF

000000

0076AD

117BAD

■ 2381AD

■ 3486AD

■ 458CAD

■ 5791AD

■ 6897AD

■ 799CAD

■ 8AA2AD

■ 9CA8AD

Harmonies

Analogous

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



007D9E



0076AD



5F6BAB

Triad

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



0076AD



AB555C



497B44

Complementary

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



0076AD



AD3700

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.



6E7431



0076AD



A15E41

Square

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



0076AD



A4567C



8C6A30



037F62

Rectangle

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



0076AD



7E63A0



8C6A30



57793C

Sweetspot

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



0076AD



9DCBE0



00AD37



486370



F0F0F0



707070

Same Dimension

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



0076AD



0099E0



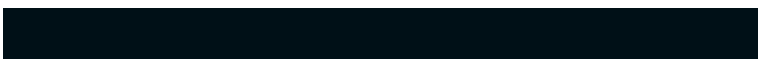
0020AD



4E5457



006796



001017

Inverse Universe

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



AD0076



E00099



AD8D00



574E54



960067



170010

Previews

White Background



This preview shows how the Hex color 0076AD looks on a white background.

Color Contrast Check

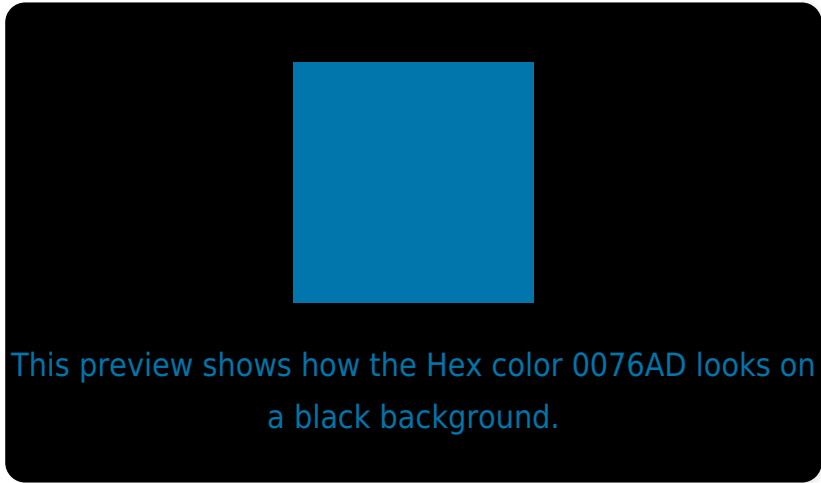
Large Text (above 18pt) WCAG AA ✓ Pass

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

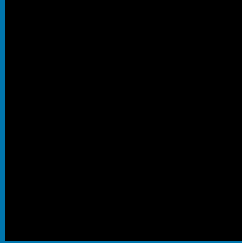
Any Text WCAG AA × Fail

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 0076AD Background



This preview shows how black text looks on a background with the Hex color 0076AD.

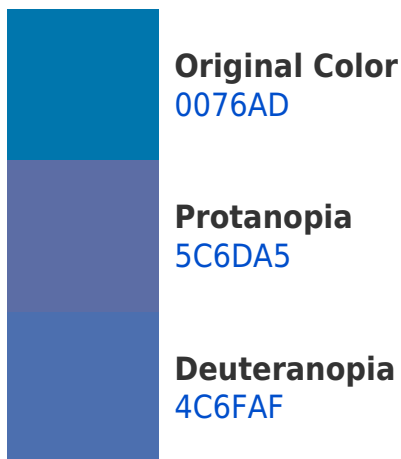


This preview shows how white text looks on a background with the Hex color 0076AD.

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](#).

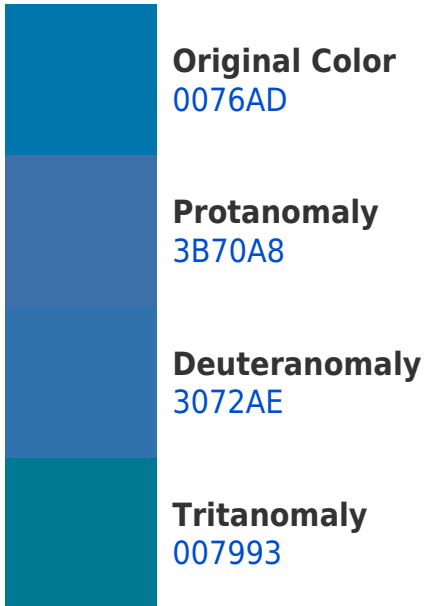
Dichromacy





Tritanopia
007B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0076AD 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 #0076AD looks like.

```
.text, #text, p{  
    color:#0076AD  
}
```

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 #0076AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0076AD
}
```

Border

The CSS property to change the border of an element to Hex 0076AD 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
#0076AD }
```

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

```
.border{ border-color:#0076AD }
```

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

Here you see how a box with a 4 pixel #0076AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0076AD; -webkit-box-shadow:4px 4px  
4px 4px #0076AD; box-shadow:4px 4px 4px  
4px #0076AD }
```

Background

The CSS property to change the background color of an element to Hex 0076AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0076AD }
```

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

```
.background{ background-color:#0076AD }
```

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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