

Converting Colors

Hex(0079AB)

Have a look what the booklet for
Hex(0079AB) contains.

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Color

Hex(0079AB)

Conversions

Conversions Part 1

Format	Color
Hex	0079AB
RGB	0, 121, 171
RGB Percent	0%, 47%, 67%
CMY	1.0000, 0.5255, 0.3294
CMYK	1.00, 0.29, 0.00, 0.33
HSL	198°, 100%, 34%
HSV	198°, 100%, 67%
XYZ	14.1881, 16.6150, 40.9873
YIQ	90.5210, -88.1660, -10.1020

Conversions

Conversions Part 2

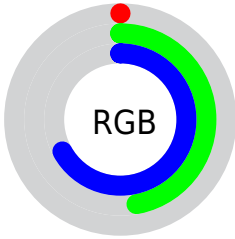
Format	Color
RYB	0, 71, 171
Decimal	31147
CIELab	47.77, -9.64, -34.46
CIElCh	48, 35.781, 254.370
Yxy	16.6150, 0.1976, 0.2314
Android (android.graphics.Color)	4278221227 (0xFF0079AB)
YUV	90.5210, 39.6761, -79.3869
Hunter-Lab	40.7615, -9.2013, -31.0853

Details

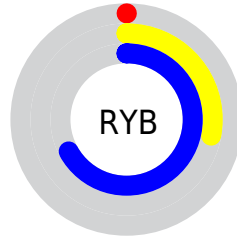
The Hex color **0079AB** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **AB3200**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **5AADE3**, and **004976** is the 20% darker color. If you saturate the color by 10%, you get **0079AB**, and if you desaturate by 10%, it is **117EAB**.

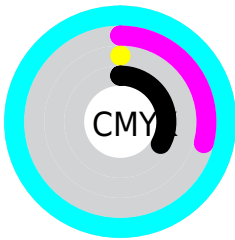
Distribution



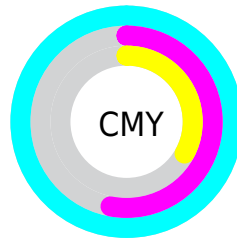
- Red (0%)
- Green (47%)
- Blue (67%)



- Red (0%)
- Yellow (28%)
- Blue (67%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (53%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0079AB 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 0079AB by changing the saturation by 10% instead.

 0079AB

 0079AB

FFFFFF

 006090

 5AADE3

 004976

 78C9FF

 00325D

 96E5FF

 001E45

 B4FFFF

 00042F


 D2FFFF

 000119

 F0FFFF

 000000

 0079AB

 117EAB

 2283AB

 3388AB

 448DAB

 5592AB

 6797AB

 789CAB

 89A1AB

 9AA6AB

Harmonies

Analogous

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



007F9B



0079AB



5A6FAC

Triad

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



0079AB



AB5964



547C45

Complementary

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



0079AB



AB3200

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.



757435



0079AB



A45F49

Square

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



0079AB



A15A82



916A37



258060

Rectangle

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



0079AB



7A68A3



916A37



607A3E

Sweetspot

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



0079AB



9BCADE



00AB30



486470



F0F0F0



707070

Same Dimension

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



0079AB



009DDE



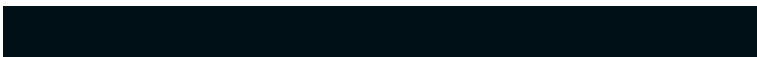
0025AB



4E5457



006A96



001017

Inverse Universe

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



AB0079



DE009D



AB8600



574E54



96006A



170010

Previews

White Background



This preview shows how the Hex color 0079AB 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 0079AB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

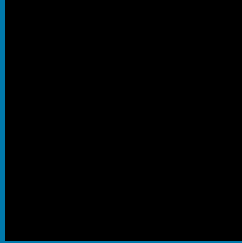
Any Text WCAG AA × Fail

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 0079AB Background



This preview shows how black text looks on a background with the Hex color 0079AB.

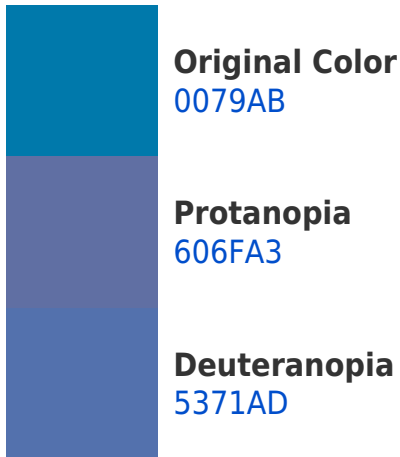


This preview shows how white text looks on a background with the Hex color 0079AB.

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
007E87

Trichromacy



Original Color
0079AB

Protanomaly
3D73A6

Deuteranomaly
3574AC

Tritanomaly
007C94

Monochromacy



Original Color
0079AB

Achromatopsia
5B5B5B

Achromatomaly
3A6678

CSS Examples

Text

The CSS property to change the color of the text to Hex 0079AB 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 #0079AB looks like.

```
.text, #text, p{  
    color:#0079AB  
}
```

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 #0079AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0079AB
}
```

Border

The CSS property to change the border of an element to Hex 0079AB 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
#0079AB }
```

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

```
.border{ border-color:#0079AB }
```

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

Here you see how a box with a 4 pixel #0079AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0079AB; -webkit-box-shadow:4px 4px  
4px 4px #0079AB; box-shadow:4px 4px 4px  
4px #0079AB }
```

Background

The CSS property to change the background color of an element to Hex 0079AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0079AB }
```

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

```
.background{ background-color:#0079AB }
```

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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