

Converting Colors

Hex(0079B7)

Have a look what the booklet for
Hex(0079B7) contains.

Hex(0079B7)	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(0079B7)

Conversions

Conversions Part 1

Format	Color
Hex	0079B7
RGB	0, 121, 183
RGB Percent	0%, 47%, 72%
CMY	1.0000, 0.5255, 0.2824
CMYK	1.00, 0.34, 0.00, 0.28
HSL	200°, 100%, 36%
HSV	200°, 100%, 72%
XYZ	15.3846, 17.0936, 47.2883
YIQ	91.8890, -92.0180, -6.3700

Conversions

Conversions Part 2

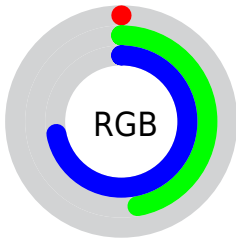
Format	Color
RYB	0, 73, 183
Decimal	31159
CIELab	48.38, -5.00, -40.46
CIElCh	48, 40.770, 262.957
Yxy	17.0936, 0.1929, 0.2143
Android (android.graphics.Color)	4278221239 (0xFF0079B7)
YUV	91.8890, 44.9177, -80.5867
Hunter-Lab	41.3445, -5.9315, -38.8726

Details

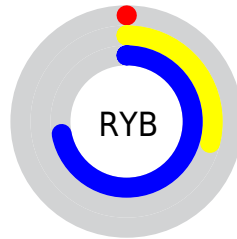
The Hex color **0079B7** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **B73E00**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **5DADEF**, and **004982** is the 20% darker color. If you saturate the color by 10%, you get **0079B7**, and if you desaturate by 10%, it is **127FB7**.

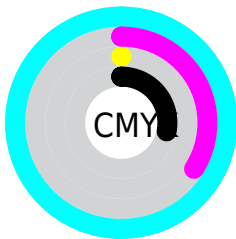
Distribution



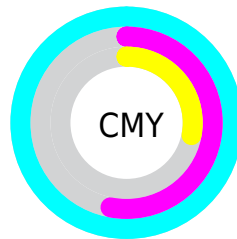
- Red (0%)
- Green (47%)
- Blue (72%)



- Red (0%)
- Yellow (29%)
- Blue (72%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (53%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0079B7 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 0079B7 by changing the saturation by 10% instead.

0079B7

0079B7

FFFFFF

00609C

5DADEF

004982

7CC8FF

003368

9AE4FF

001E50

B8FFFF

000538

D6FFFF

000222

F4FFFF

000008

000000

0079B7

 127FB7

 2585B7

 378CB7

 4992B7

 5C98B7

 6E9EB7

 80A4B7

 92ABB7

 A5B1B7

Harmonies

Analogous

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



0081A9



0079B7



686DB2

Triad

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



0079B7



B3575A



438048

Complementary

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



0079B7



B73E00

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.



6C7930



0079B7



A6613D

Square

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



0079B7



AE567C



8E6E2C



008469

Rectangle

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



0079B7



8964A6



8E6E2C



527E3E

Sweetspot

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



0079B7



A6D5ED



00B73D



4D6978



F7F7F7



787878

Same Dimension

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



0079B7



009DED



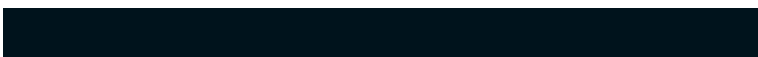
001FB7



53595C



00679C



00131C

Inverse Universe

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



B70079



ED009D



B79900



5C5359



9C0067



1C0013

Previews

White Background



This preview shows how the Hex color 0079B7 looks on a white background.

Color Contrast Check

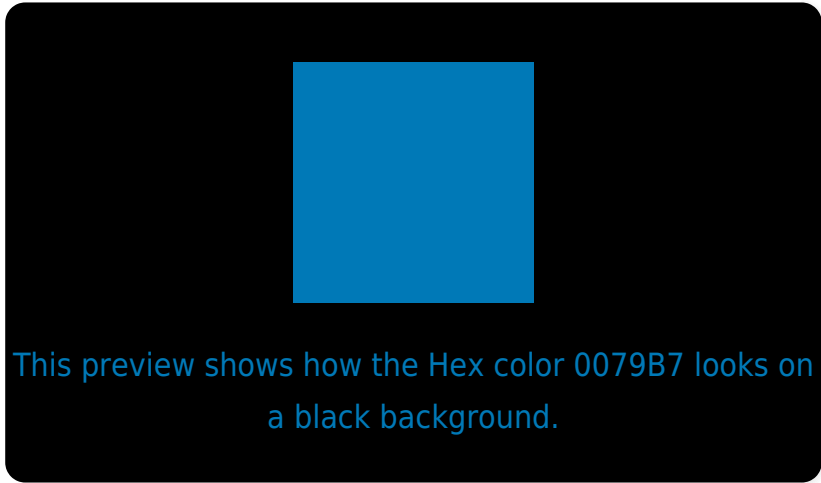
Large Text (above 18pt) WCAG AA ✓ Pass

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

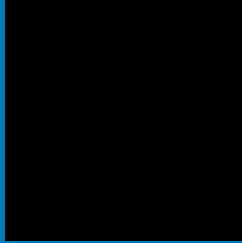
Any Text WCAG AA × Fail

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 0079B7 Background



This preview shows how black text looks on a background with the Hex color 0079B7.

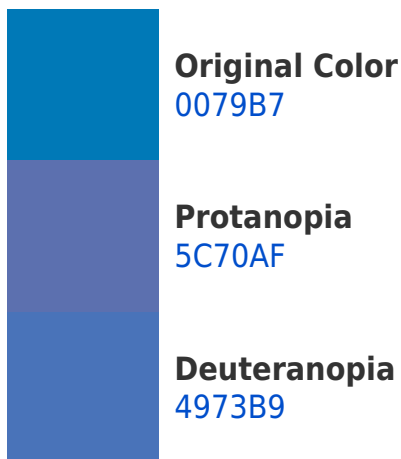


This preview shows how white text looks on a background with the Hex color 0079B7.

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
007F89

Trichromacy



Original Color
0079B7

Protanomaly
3B73B2

Deuteranomaly
2E75B8

Tritanomaly
007D9A

Monochromacy



Original Color
0079B7

Achromatopsia
5C5C5C

Achromatomaly
3B677D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0079B7 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 #0079B7 looks like.

```
.text, #text, p{  
    color:#0079B7  
}
```

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 #0079B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0079B7
}
```

Border

The CSS property to change the border of an element to Hex 0079B7 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
#0079B7 }
```

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

```
.border{ border-color:#0079B7 }
```

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

Here you see how a box with a 4 pixel #0079B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0079B7; -webkit-box-shadow:4px 4px  
4px 4px #0079B7; box-shadow:4px 4px 4px  
4px #0079B7 }
```

Background

The CSS property to change the background color of an element to Hex 0079B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0079B7 }
```

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

```
.background{ background-color:#0079B7 }
```

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