

# Converting Colors

Hex(079BA5)

Have a look what the booklet for  
Hex(079BA5) contains.

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# Color

Hex(079BA5)

# Conversions

## Conversions Part 1

Format	Color
Hex	079BA5
RGB	7, 155, 165
RGB Percent	3%, 61%, 65%
CMY	0.9725, 0.3922, 0.3529
CMYK	0.96, 0.06, 0.00, 0.35
HSL	184°, 92%, 34%
HSV	184°, 96%, 65%
XYZ	18.6005, 26.2045, 39.6749
YIQ	111.8880, -91.4180, -28.2660

# Conversions

## Conversions Part 2

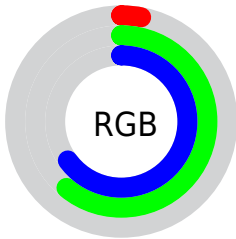
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 83, 165
Decimal	498597
CIELab	58.23, -29.67, -14.87
CIELCh	58, 33.186, 206.614
Yxy	26.2045, 0.2202, 0.3102
Android (android.graphics.Color)	4278688677 (0xFF079BA5)
YUV	111.8880, 26.1842, -91.9868
Hunter-Lab	51.1903, -24.7233, -10.1194

# Details

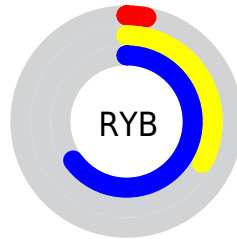
The Hex color **079BA5** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A51107**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **5ED2DC**, and **006771** is the 20% darker color. If you saturate the color by 10%, you get **009BA5**, and if you desaturate by 10%, it is **189CA5**.

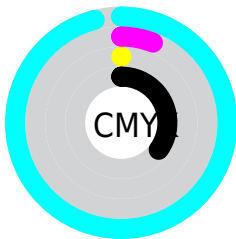
# Distribution



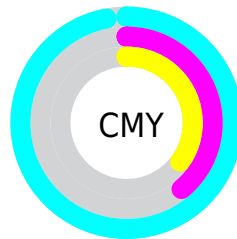
- Red (3%)
- Green (61%)
- Blue (65%)



- Red (3%)
- Yellow (33%)
- Blue (65%)



- Cyan (96%)
- Magenta (6%)
- Yellow (0%)
- Black (35%)



- Cyan (97%)
- Magenta (39%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 079BA5 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 079BA5 by changing the saturation by 10% instead.



079BA5

079BA5

FFFFFF

00818B

5ED2DC

006771

7DEEF9

004F59

9BFFFF

003741

B9FFFF

00232B

D7FFFF

000117

F5FFFF

000000

079BA5

079BA5

009BA5

189CA5

 289DA5

 399EA5

 499FA5

 5AA0A5

 6AA1A5

 7AA2A5

 8BA3A5

 9BA4A5

# Harmonies

## Analogous

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



3A9B88



079BA5



2497BC

# Triad

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



079BA5



AD7BAC



A28952

# Complementary

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



079BA5



A51107

# 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.



B87F5C



079BA5



C17690

# Square

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



079BA5



8B86C0



C47773



849257

# Rectangle

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



079BA5



4A93C4



C47773



AA8653



# Sweetspot

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



079BA5



98D2D6



07A50F



46696B



EBEBEB



6B6B6B

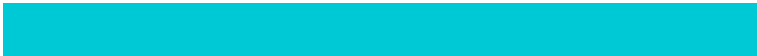


# Same Dimension

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



079BA5



00C9D6



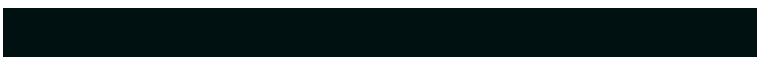
074EA5



495152



008891



001112



# Inverse Universe

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



A5079B



D600C9



A55E07



524951



910088



120011



# Previews

## White Background



This preview shows how the Hex color 079BA5 looks on a white background.

## Color Contrast Check

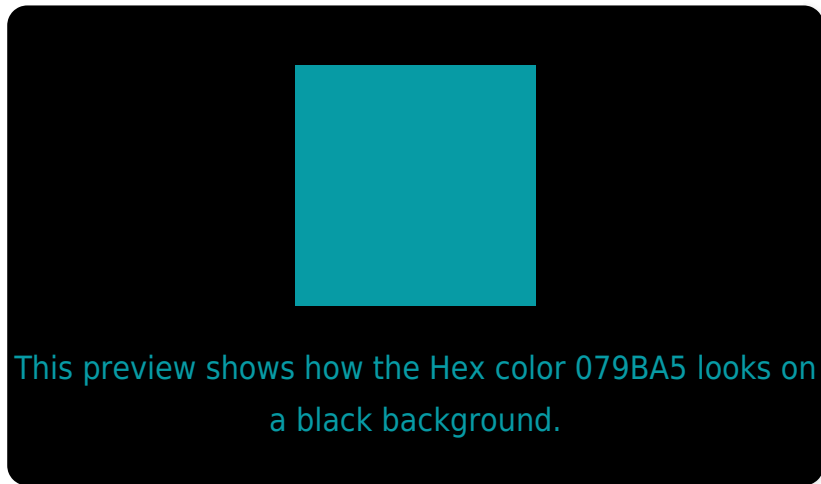
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

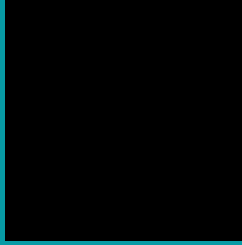
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 079BA5 Background



This preview shows how black text looks on a background with the Hex color 079BA5.

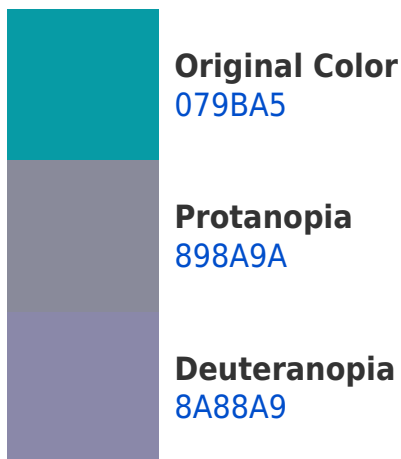


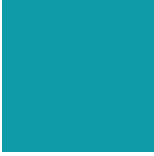
This preview shows how white text looks on a background with the Hex color 079BA5.

# 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



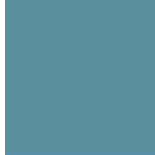


**Tritanopia**  
0F9BA7

# Trichromacy



**Original Color**  
079BA5



**Protanomaly**  
5A909E



**Deuteranomaly**  
5A8FA8



**Tritanomaly**  
0C9BA6

# Monochromacy



**Original Color**  
079BA5



**Achromatopsia**  
707070



**Achromatomaly**  
4A8083

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 079BA5 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 #079BA5 looks like.

```
.text, #text, p{  
    color:#079BA5  
}
```

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 #079BA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #079BA5
}
```

## Border

The CSS property to change the border of an element to Hex 079BA5 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
#079BA5 }
```

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

```
.border{ border-color:#079BA5 }
```

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

Here you see how a box with a 4 pixel #079BA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #079BA5; -webkit-box-shadow:4px 4px  
4px 4px #079BA5; box-shadow:4px 4px 4px  
4px #079BA5 }
```

# Background

The CSS property to change the background color of an element to Hex 079BA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#079BA5 }
```

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

```
.background{ background-color:#079BA5 }
```

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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