

# Converting Colors

Hex(679B79)

Have a look what the booklet for  
Hex(679B79) contains.

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# Color

Hex(679B79)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	679B79
RGB	103, 155, 121
RGB Percent	40%, 61%, 47%
CMY	0.5961, 0.3922, 0.5255
CMYK	0.34, 0.00, 0.22, 0.39
HSL	141°, 21%, 51%
HSV	141°, 34%, 61%
XYZ	20.7661, 27.7067, 22.3426
YIQ	135.5760, -20.0780, -21.5980

# Conversions

## Conversions Part 2

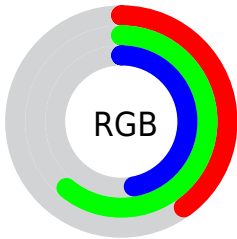
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 142, 155
Decimal	6790009
CIELab	59.62, -24.82, 12.42
CIELCh	60, 27.750, 153.415
Yxy	27.7067, 0.2932, 0.3913
Android (android.graphics.Color)	4284980089 (0xFF679B79)
YUV	135.5760, -7.1860, -28.5692
Hunter-Lab	52.6372, -21.6945, 11.6795

# Details

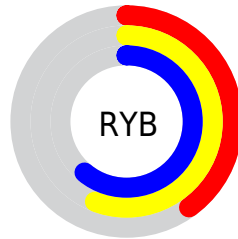
The Hex color **679B79** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9B6789**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **9CD2AD**, and **356748** is the 20% darker color. If you saturate the color by 10%, you get **589B6F**, and if you desaturate by 10%, it is **779B83**.

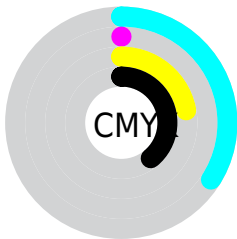
# Distribution



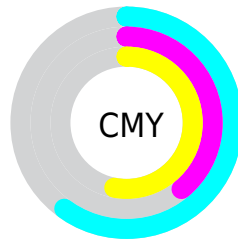
- Red (40%)
- Green (61%)
- Blue (47%)



- Red (40%)
- Yellow (56%)
- Blue (61%)



- Cyan (34%)
- Magenta (0%)
- Yellow (22%)
- Black (39%)



- Cyan (60%)
- Magenta (39%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 679B79 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 679B79 by changing the saturation by 10% instead.





679B79



679B79

FFFFFF



4E8160



9CD2AD



356748



B7EEC9



1C4F32



D3FFE5



00381C



F0FFFF



002204



000000



679B79



679B79



589B6F



779B83



489B65



869B8D

■ 399B5B

■ 969B97

■ 299B50

■ A59BA2

■ 1A9B46

■ B49BAC

■ 0A9B3C

■ C49BB6

■ 009B36

■ D49BC0

■ E39BCA

■ F29BD4

# Harmonies

## Analogous

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



849666



679B79



4C9D92

# Triad

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



679B79



7391C0



BF8076

# Complementary

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



679B79



9B6789

# 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.



BF7D8E



679B79



9788B8

# Square

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



679B79



5098BB



B181A6



B38765

# Rectangle

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



679B79



409DA2



B181A6



C07E7D



# Sweetspot

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



679B79



B5C9BC



8A9B67



5A665E



E6E6E6



666666



# Same Dimension

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



679B79



79C995



679B92



454D47



008C31



000D04



# Inverse Universe

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



9B6789



C979AE



9B6770



4D454A



8C005C



0D0008



# Previews

## White Background



This preview shows how the Hex color 679B79 looks on a white background.

## Color Contrast Check

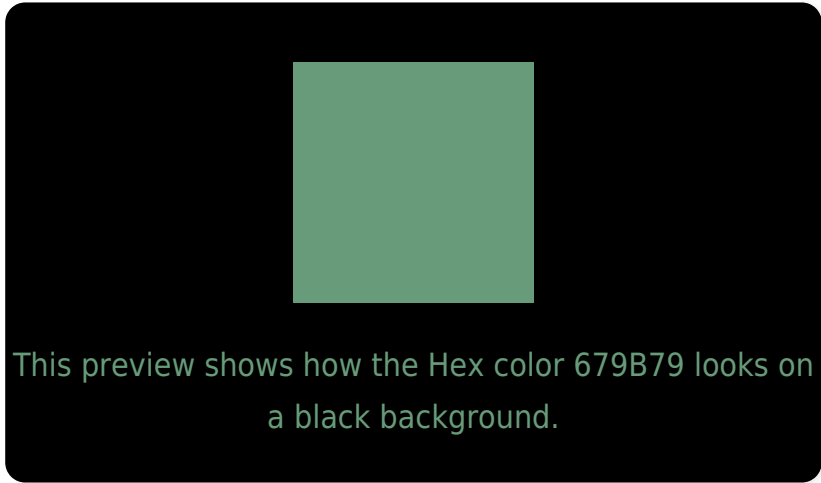
Large Text (above 18pt) WCAG AA ✓ Pass

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

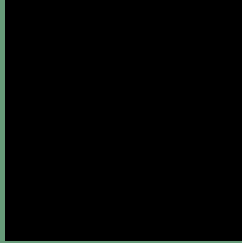
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 679B79 Background



This preview shows how black text looks on a background with the Hex color 679B79.



This preview shows how white text looks on a background with the Hex color 679B79.

# 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](#).

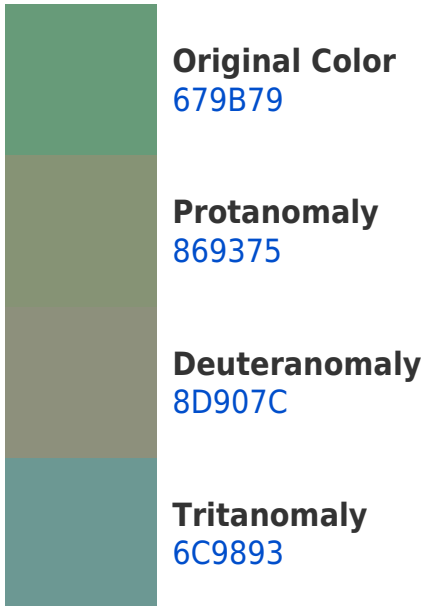
## Dichromacy





**Tritanopia**  
6F96A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 679B79 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 #679B79 looks like.

```
.text, #text, p{  
    color:#679B79  
}
```

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 #679B79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #679B79
}
```

## Border

The CSS property to change the border of an element to Hex 679B79 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
#679B79 }
```

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

```
.border{ border-color:#679B79 }
```

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

Here you see how a box with a 4 pixel #679B79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #679B79; -webkit-box-shadow:4px 4px  
4px 4px #679B79; box-shadow:4px 4px 4px  
4px #679B79 }
```

# Background

The CSS property to change the background color of an element to Hex 679B79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#679B79 }
```

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

```
.background{ background-color:#679B79 }
```

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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