

# Converting Colors

Hex(649F9C)

Have a look what the booklet for  
Hex(649F9C) contains.

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# Color

**Hex(649F9C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	649F9C
RGB	100, 159, 156
RGB Percent	39%, 62%, 61%
CMY	0.6078, 0.3765, 0.3882
CMYK	0.37, 0.00, 0.02, 0.38
HSL	177°, 24%, 51%
HSV	177°, 37%, 62%
XYZ	23.6544, 29.9059, 35.9782
YIQ	141.0170, -34.2010, -13.4410

# Conversions

## Conversions Part 2

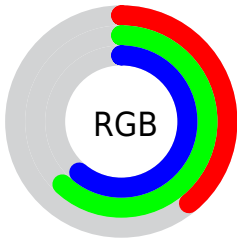
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 130, 159
Decimal	6594460
CIELab	61.57, -19.86, -4.52
CIELCh	62, 20.369, 192.827
Yxy	29.9059, 0.2642, 0.3340
Android (android.graphics.Color)	4284784540 (0xFF649F9C)
YUV	141.0170, 7.3866, -35.9719
Hunter-Lab	54.6863, -18.4913, -0.7266

# Details

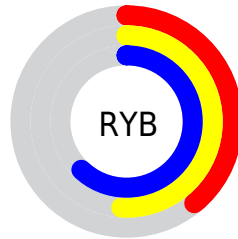
The Hex color **649F9C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9F6467**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **99D6D2**, and **306B69** is the 20% darker color. If you saturate the color by 10%, you get **549F9B**, and if you desaturate by 10%, it is **749F9D**.

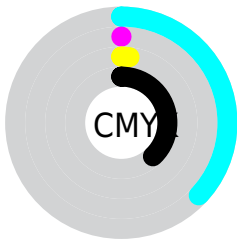
# Distribution



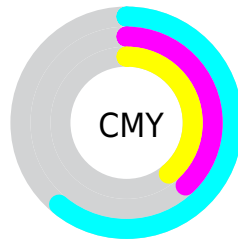
- Red (39%)
- Green (62%)
- Blue (61%)



- Red (39%)
- Yellow (51%)
- Blue (62%)



- Cyan (37%)
- Magenta (0%)
- Yellow (2%)
- Black (38%)



- Cyan (61%)
- Magenta (38%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 649F9C 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 649F9C by changing the saturation by 10% instead.





649F9C



649F9C

FFFFFF



4A8582



99D6D2



306B69



B5F2EF



135351



D1FFFF



003C3A



EEFFFF



002524



000B10



000000



649F9C



649F9C



549F9B



749F9D

449F9A

849F9E

349F9A

949F9E

249F99

A49F9F

149F98

B39FA0

059F97

C39FA1

009F97

D39FA2

E39FA2

F39FA3

# Harmonies

## Analogous

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



729E89



649F9C



639DAD

# Triad

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



649F9C



A18EAF



AC9073

# Complementary

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



649F9C



9F6467

# 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.



B78B7D



649F9C



B289A0

# Square

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



649F9C



8A94B8



BA888D



9A9671

# Rectangle

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



649F9C



6C9BB4



BA888D



B08E75



# Sweetspot

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



649F9C



B8CFCD



689F64



5B6968



E8E8E8



696969



# Same Dimension

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



649F9C



72CFCA



64859F



474F4F



008F88



000F0F



# Inverse Universe

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



9F6467



CF7276



9F7E64



4F4748



8F0007



0F0001



# Previews

## White Background



This preview shows how the Hex color 649F9C looks on a white background.

## Color Contrast Check

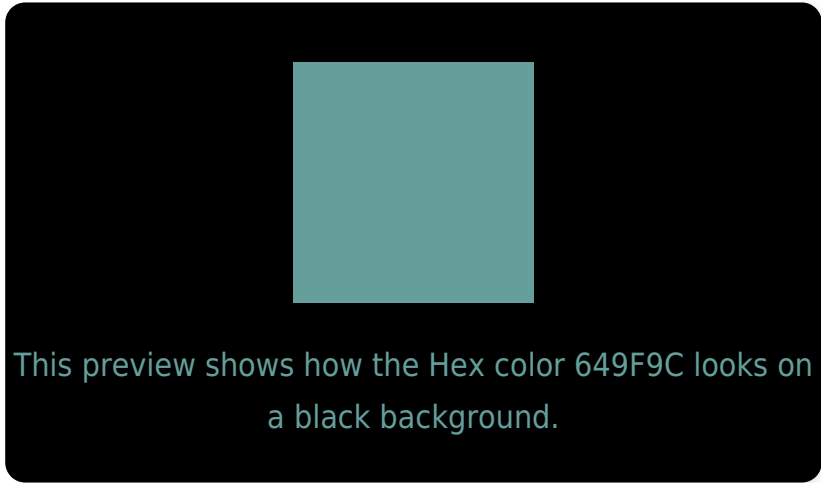
Large Text (above 18pt) WCAG AA ✓ Pass

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

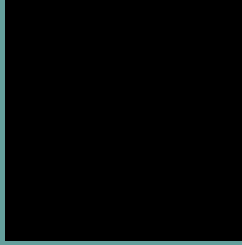
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 649F9C Background



This preview shows how black text looks on a background with the Hex color 649F9C.

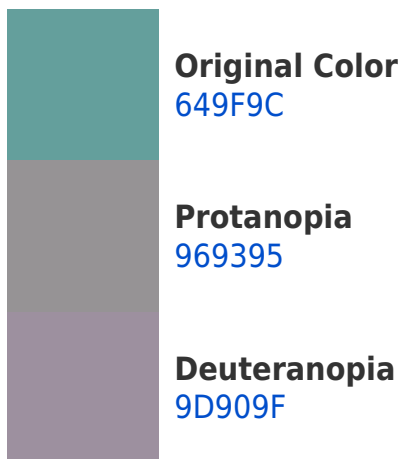


This preview shows how white text looks on a background with the Hex color 649F9C.

# 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**  
689DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 649F9C 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 #649F9C looks like.

```
.text, #text, p{  
    color:#649F9C  
}
```

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 #649F9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #649F9C
}
```

## Border

The CSS property to change the border of an element to Hex 649F9C 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
#649F9C }
```

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

```
.border{ border-color:#649F9C }
```

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

Here you see how a box with a 4 pixel #649F9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #649F9C; -webkit-box-shadow:4px 4px  
4px 4px #649F9C; box-shadow:4px 4px 4px  
4px #649F9C }
```

# Background

The CSS property to change the background color of an element to Hex 649F9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#649F9C }
```

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

```
.background{ background-color:#649F9C }
```

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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