

Converting Colors

Hex(649C91)

Have a look what the booklet for
Hex(649C91) contains.

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Color

Hex(649C91)

Conversions

Conversions Part 1

Format	Color
Hex	649C91
RGB	100, 156, 145
RGB Percent	39%, 61%, 57%
CMY	0.6078, 0.3882, 0.4314
CMYK	0.36, 0.00, 0.07, 0.39
HSL	168°, 22%, 50%
HSV	168°, 36%, 61%
XYZ	22.2548, 28.5306, 31.1221
YIQ	138.0020, -29.8450, -15.2930

Conversions

Conversions Part 2

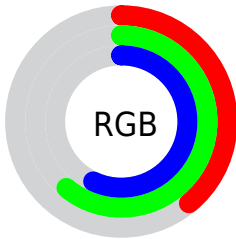
Format	Color
RYB	100, 131, 156
Decimal	6593681
CIELab	60.37, -20.98, -0.08
CIElCh	60, 20.984, 180.220
Yxy	28.5306, 0.2717, 0.3483
Android (android.graphics.Color)	4284783761 (0xFF649C91)
YUV	138.0020, 3.4500, -33.3278
Hunter-Lab	53.4140, -19.1030, 2.8441

Details

The Hex color **649C91** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9C646F**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **99D3C7**, and **31685F** is the 20% darker color. If you saturate the color by 10%, you get **549C8E**, and if you desaturate by 10%, it is **749C94**.

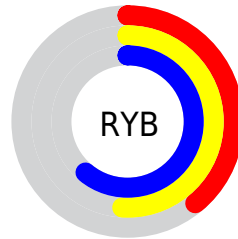
Distribution



Red (39%)

Green (61%)

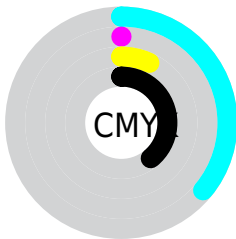
Blue (57%)



Red (39%)

Yellow (51%)

Blue (61%)

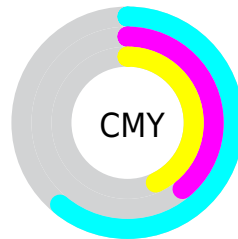


Cyan (36%)

Magenta (0%)

Yellow (7%)

Black (39%)



Cyan (61%)

Magenta (39%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 649C91 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 649C91 by changing the saturation by 10% instead.



649C91



649C91

FFFFFF



4A8277



99D3C7



31685F



B4EFE3



165047



D1FFFF



003931



EDFFFF



00231C



000301



000000



649C91



649C91



549C8E



749C94

■ 459C8B

■ 839C97

■ 359C88

■ 939C9A

■ 269C85

■ A29C9D

■ 169C82

■ B29CA0

■ 069C7F

■ C29CA3

■ 009C7D

■ D19CA6

■ E19CAA

■ F09CAD

Harmonies

Analogous

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



769A7F



649C91



5C9BA3

Triad

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



649C91



958DB1



AF8A72

Complementary

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



649C91



9C646F

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.



B78680



649C91



AA87A4

Square

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



649C91



7B93B6



B58492



9F906D

Rectangle

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



649C91



609AAD



B58492



B28876

Sweetspot

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



649C91



B6CCC8



6F9C64



596663



E6E6E6



666666

Same Dimension

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



649C91



74CCBB



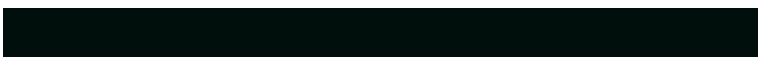
648B9C



474F4D



008F73



000F0C

Inverse Universe

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



9C646F



CC7486



9C7564



4F4749



8F001C



0F0003

Previews

White Background



This preview shows how the Hex color 649C91 looks on a white background.

Color Contrast Check

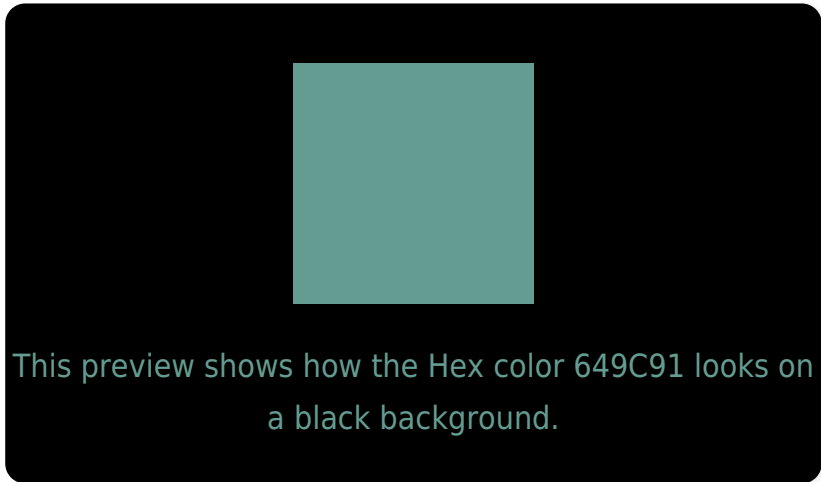
Large Text (above 18pt) WCAG AA ✓ Pass

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

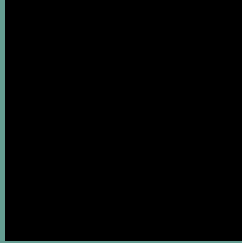
Any Text WCAG AA ✓ Pass

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 649C91 Background



This preview shows how black text looks on a background with the Hex color 649C91.

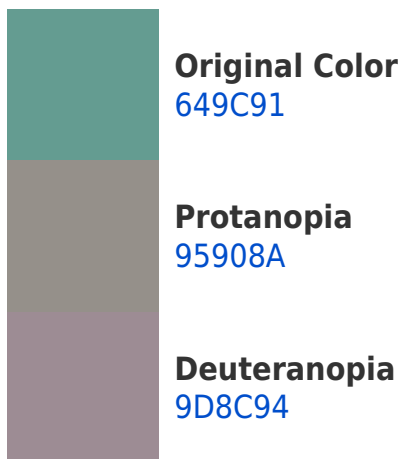


This preview shows how white text looks on a background with the Hex color 649C91.

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](#).

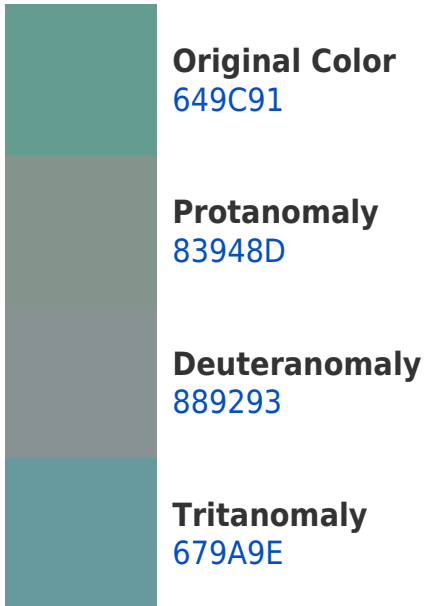
Dichromacy



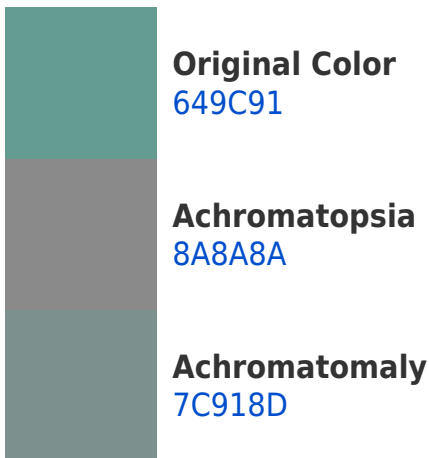


Tritanopia
6999A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 649C91 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 #649C91 looks like.

```
.text, #text, p{  
    color:#649C91  
}
```

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 #649C91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #649C91
}
```

Border

The CSS property to change the border of an element to Hex 649C91 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
#649C91 }
```

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

```
.border{ border-color:#649C91 }
```

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

Here you see how a box with a 4 pixel #649C91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #649C91; -webkit-box-shadow:4px 4px  
4px 4px #649C91; box-shadow:4px 4px 4px  
4px #649C91 }
```

Background

The CSS property to change the background color of an element to Hex 649C91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#649C91 }
```

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

```
.background{ background-color:#649C91 }
```

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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