

Converting Colors

Hex(649791)

Have a look what the booklet for
Hex(649791) contains.

Hex(649791)	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(649791)

Conversions

Conversions Part 1

Format	Color
Hex	649791
RGB	100, 151, 145
RGB Percent	39%, 59%, 57%
CMY	0.6078, 0.4078, 0.4314
CMYK	0.34, 0.00, 0.04, 0.41
HSL	173°, 20%, 49%
HSV	173°, 34%, 59%
XYZ	21.4330, 26.8869, 30.8481
YIQ	135.0670, -28.4700, -12.6780

Conversions

Conversions Part 2

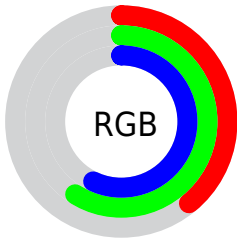
Format	Color
RYB	100, 127, 151
Decimal	6592401
CIELab	58.87, -18.38, -2.27
CIELCh	59, 18.518, 187.046
Yxy	26.8869, 0.2707, 0.3396
Android (android.graphics.Color)	4284782481 (0xFF649791)
YUV	135.0670, 4.8970, -30.7538
Hunter-Lab	51.8526, -16.9600, 1.0240

Details

The Hex color `649791` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `97646A`, and the grayscale version is `878787`.

A 20% lighter version of the original color is `99CDC7`, and `32645F` is the 20% darker color. If you saturate the color by 10%, you get `55978F`, and if you desaturate by 10%, it is `739793`.

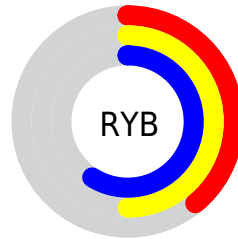
Distribution



Red (39%)

Green (59%)

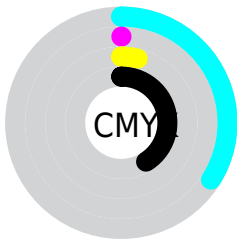
Blue (57%)



Red (39%)

Yellow (50%)

Blue (59%)

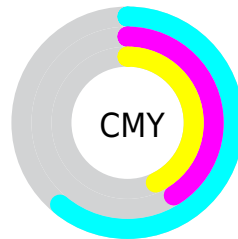


Cyan (34%)

Magenta (0%)

Yellow (4%)

Black (41%)



Cyan (61%)

Magenta (41%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 649791 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 649791 by changing the saturation by 10% instead.



649791



649791

FFFFFF



4B7D77



99CDC7



32645F



B4EAE3



184C47



D0FFFF



003531



EDFFFF



00201C



000001



000000



649791



649791



55978F



739793

■ 46978D

■ 829795

■ 37978C

■ 919796

■ 28978A

■ A09798

■ 189788

■ B0979A

■ 099786

■ BF979C

■ 009785

■ CE979D

■ DD979F

■ EC97A1

Harmonies

Analogous

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



729680



649791



6196A1

Triad

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



649791



9588A8



A58870

Complementary

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



649791



97646A

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.



AE847B



649791



A6849B

Square

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



649791



808EAE



AF828A



968E6D

Rectangle

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



649791



6794A8



AF828A



A98773

Sweetspot

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



649791



B1C4C2



6B9764



586362



E3E3E3



636363

Same Dimension

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



649791



74C4BB



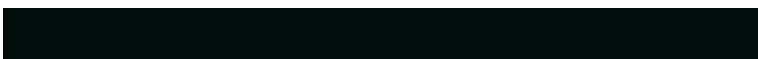
648497



454D4C



008C7C



000D0B

Inverse Universe

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



97646A



C4747D



977764



4D4546



8C0011



0D0002

Previews

White Background



This preview shows how the Hex color 649791 looks on a white background.

Color Contrast Check

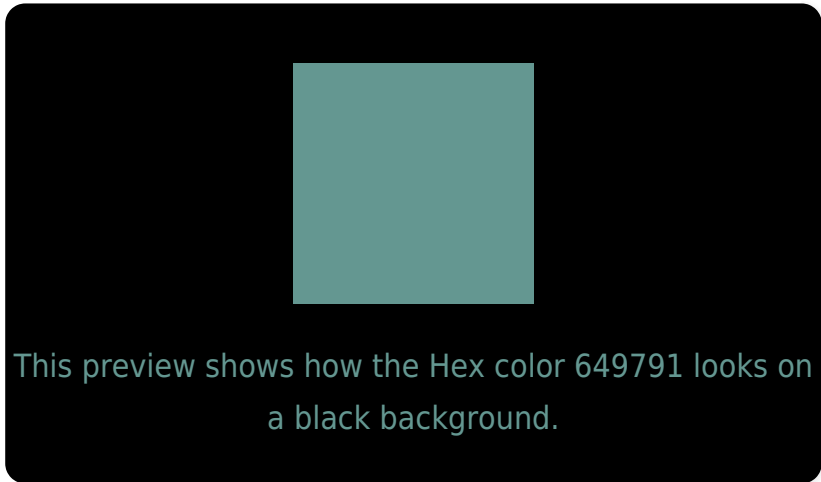
Large Text (above 18pt) WCAG AA ✓ Pass

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

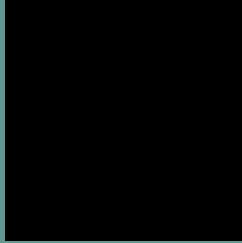
Any Text WCAG AA ✓ Pass

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 649791 Background



This preview shows how black text looks on a background with the Hex color 649791.

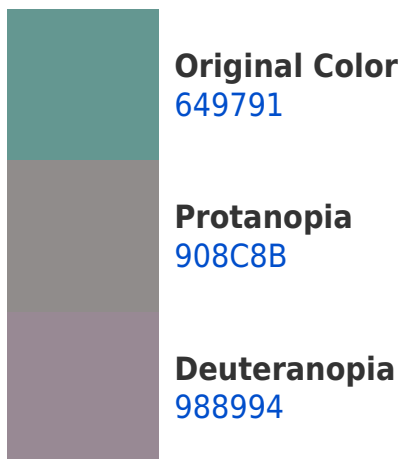


This preview shows how white text looks on a background with the Hex color 649791.

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



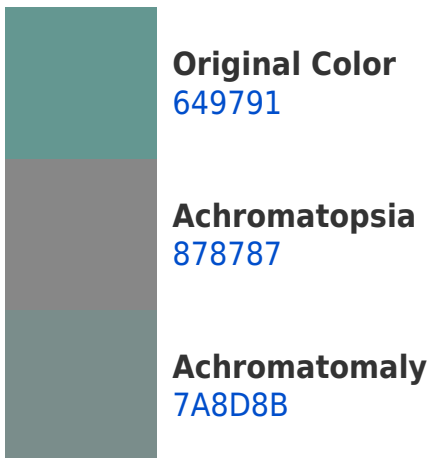


Tritanopia
6895A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 649791 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 #649791 looks like.

```
.text, #text, p{  
    color:#649791  
}
```

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 #649791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #649791
}
```

Border

The CSS property to change the border of an element to Hex 649791 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
#649791 }
```

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

```
.border{ border-color:#649791 }
```

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

Here you see how a box with a 4 pixel #649791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #649791; -webkit-box-shadow:4px 4px  
4px 4px #649791; box-shadow:4px 4px 4px  
4px #649791 }
```

Background

The CSS property to change the background color of an element to Hex 649791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#649791 }
```

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

```
.background{ background-color:#649791 }
```

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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