

Converting Colors

Hex(649D94)

Have a look what the booklet for
Hex(649D94) contains.

Hex(649D94)	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(649D94)

Conversions

Conversions Part 1

Format	Color
Hex	649D94
RGB	100, 157, 148
RGB Percent	39%, 62%, 58%
CMY	0.6078, 0.3843, 0.4196
CMYK	0.36, 0.00, 0.06, 0.38
HSL	171°, 23%, 50%
HSV	171°, 36%, 62%
XYZ	22.6578, 28.9614, 32.4129
YIQ	138.9310, -31.0830, -14.8830

Conversions

Conversions Part 2

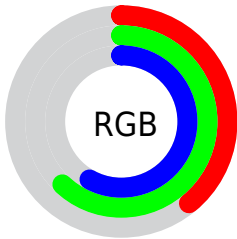
Format	Color
RYB	100, 131, 157
Decimal	6593940
CIELab	60.75, -20.78, -1.22
CIELCh	61, 20.819, 183.354
Yxy	28.9614, 0.2696, 0.3446
Android (android.graphics.Color)	4284784020 (0xFF649D94)
YUV	138.9310, 4.4710, -34.1425
Hunter-Lab	53.8158, -19.0246, 1.9611

Details

The Hex color **649D94** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9D646D**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **99D4CA**, and **316961** is the 20% darker color. If you saturate the color by 10%, you get **549D92**, and if you desaturate by 10%, it is **749D96**.

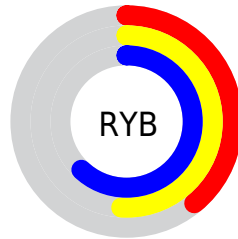
Distribution



Red (39%)

Green (62%)

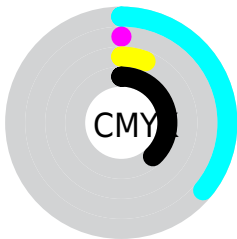
Blue (58%)



Red (39%)

Yellow (51%)

Blue (62%)

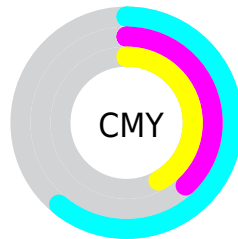


Cyan (36%)

Magenta (0%)

Yellow (6%)

Black (38%)



Cyan (61%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 649D94 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 649D94 by changing the saturation by 10% instead.

 649D94

 649D94

FFFFFF

 4A837A

 99D4CA

 316961

 B5F0E6

 15514A

 D1FFFF

 003A33

 EEEFFF

 00241E

 000506

 000000

 649D94

 649D94

 549D92

 749D96

459D8F

839D99

359D8D

939D9B

259D8A

A39D9E

169D88

B39DA0

069D85

C29DA3

009D84

D29DA5

E29DA8

F19DAA

Harmonies

Analogous

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



759B82



649D94



5E9CA6

Triad

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



649D94



988DB1



AE8C72

Complementary

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



649D94



9D646D

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.



B7877F



649D94



AC88A3

Square

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



649D94



7F93B7



B78591



9E926E

Rectangle

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



649D94



639AAF



B78591



B28A76

Sweetspot

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



649D94



B6CCC8



6E9D64



596664



E6E6E6



666666

Same Dimension

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



649D94



72CCBE



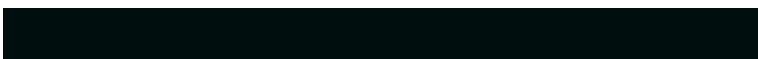
648A9D



474F4E



008F78



000F0D

Inverse Universe

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



9D646D



CC7280



9D7764



4F4748



8F0017



0F0002

Previews

White Background



This preview shows how the Hex color 649D94 looks on a white background.

Color Contrast Check

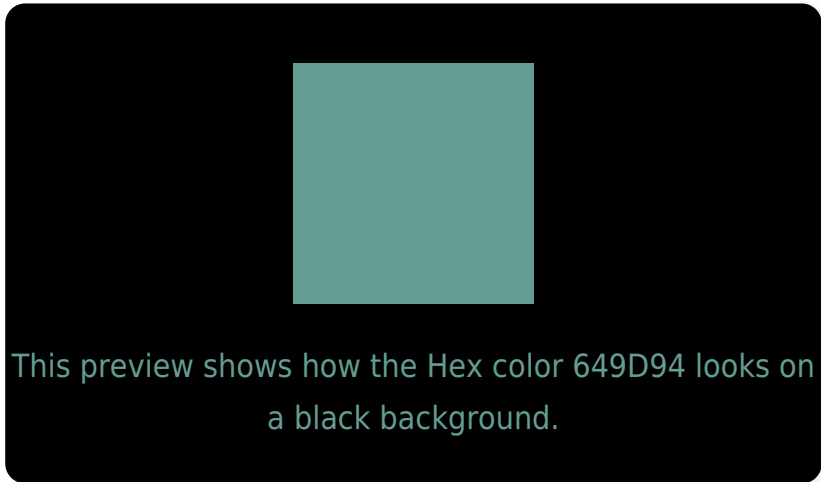
Large Text (above 18pt) WCAG AA ✓ Pass

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

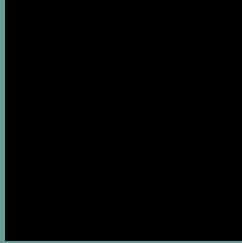
Any Text WCAG AA ✓ Pass

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 649D94 Background



This preview shows how black text looks on a background with the Hex color 649D94.

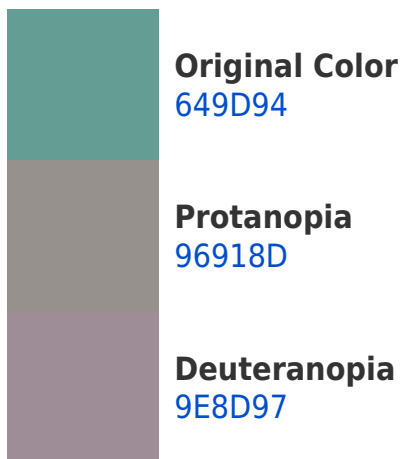


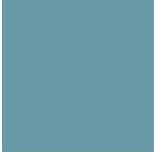
This preview shows how white text looks on a background with the Hex color 649D94.

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](#).

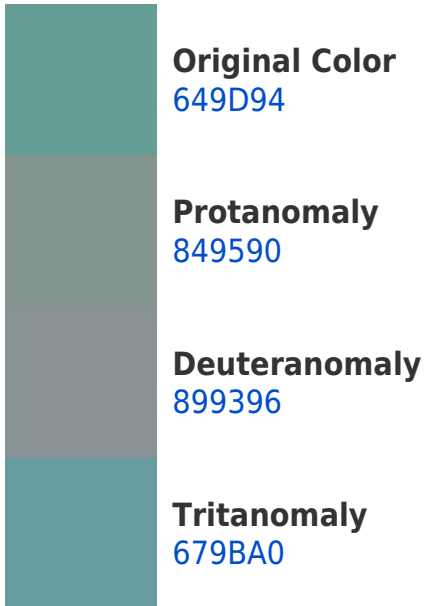
Dichromacy



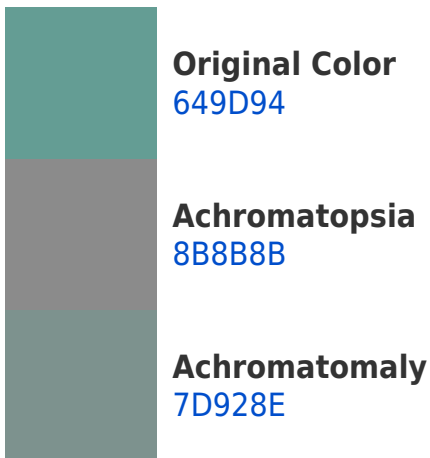


Tritanopia
699AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 649D94 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 #649D94 looks like.

```
.text, #text, p{  
    color:#649D94  
}
```

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 #649D94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #649D94
}
```

Border

The CSS property to change the border of an element to Hex 649D94 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
#649D94 }
```

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

```
.border{ border-color:#649D94 }
```

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

Here you see how a box with a 4 pixel #649D94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #649D94; -webkit-box-shadow:4px 4px  
4px 4px #649D94; box-shadow:4px 4px 4px  
4px #649D94 }
```

Background

The CSS property to change the background color of an element to Hex 649D94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#649D94 }
```

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

```
.background{ background-color:#649D94 }
```

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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