

Converting Colors

Hex(569D94)

Have a look what the booklet for
Hex(569D94) contains.

Hex(569D94)	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(569D94)

Conversions

Conversions Part 1

Format	Color
Hex	569D94
RGB	86, 157, 148
RGB Percent	34%, 62%, 58%
CMY	0.6627, 0.3843, 0.4196
CMYK	0.45, 0.00, 0.06, 0.38
HSL	172°, 29%, 48%
HSV	172°, 45%, 62%
XYZ	21.2400, 28.2305, 32.3465
YIQ	134.7450, -39.4270, -17.8510

Conversions

Conversions Part 2

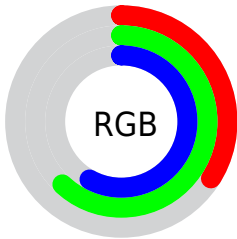
Format	Color
RYB	86, 124, 157
Decimal	5676436
CIELab	60.10, -24.58, -2.25
CIELCh	60, 24.686, 185.228
Yxy	28.2305, 0.2596, 0.3450
Android (android.graphics.Color)	4283866516 (0xFF569D94)
YUV	134.7450, 6.5347, -42.7494
Hunter-Lab	53.1324, -21.6251, 1.0974

Details

The Hex color **569D94** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9D565F**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **8CD4CA**, and **1E6961** is the 20% darker color. If you saturate the color by 10%, you get **469D92**, and if you desaturate by 10%, it is **669D96**.

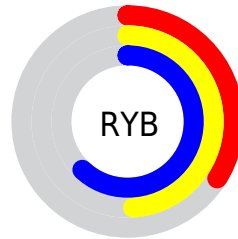
Distribution



Red (34%)

Green (62%)

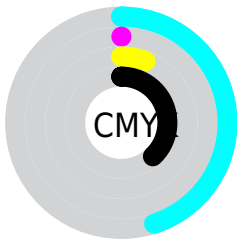
Blue (58%)



Red (34%)

Yellow (49%)

Blue (62%)

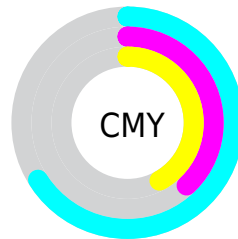


Cyan (45%)

Magenta (0%)

Yellow (6%)

Black (38%)



Cyan (66%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 569D94 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 569D94 by changing the saturation by 10% instead.



569D94



569D94

FFFFFF



3B837A



8CD4CA



1E6961



A8F0E6



00514A



C4FFFF



003933



E1FFFF



00241E

FEFFFF



000106



000000



569D94



569D94



469D92



669D96

 379D90

 759D98

 279D8E

 859D9A

 179D8C

 959D9C

 079D8A

 A59D9E

 009D89

 B49DA0

 C49DA2

 D49DA4

 E39DA6

Harmonies

Analogous

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



6C9B7E



569D94



4E9CA9

Triad

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



569D94



998AB4



B0896A

Complementary

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



569D94



9D565F

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.



BB8379



569D94



B083A3

Square

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



569D94



7B92BC



BC818E



9D9165

Rectangle

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



569D94



569AB4



BC818E



B5876E

Sweetspot

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



569D94



AFCCC8



5F9D56



556664



E6E6E6



666666

Same Dimension

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



569D94



5ECCBE



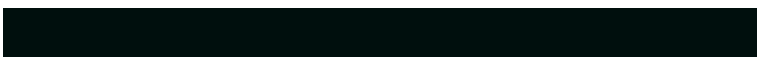
56839D



474F4E



008F7D



000F0D

Inverse Universe

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



9D565F



CC5E6C



9D7056



4F4748



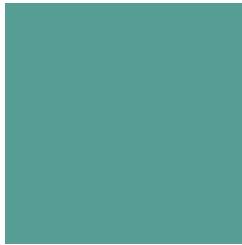
8F0012



0F0002

Previews

White Background



This preview shows how the Hex color 569D94 looks on a white background.

Color Contrast Check

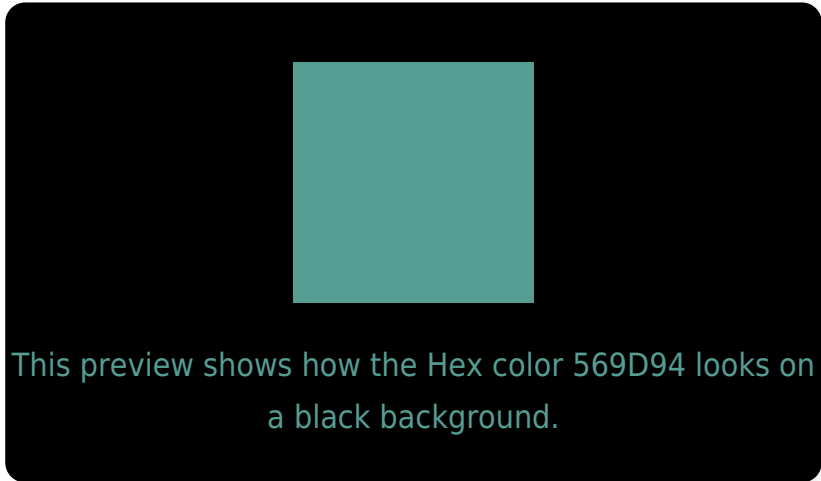
Large Text (above 18pt) WCAG AA ✓ Pass

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

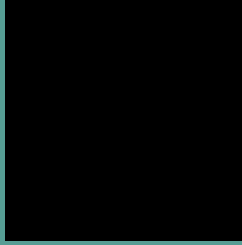
Any Text WCAG AA ✓ Pass

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 569D94 Background



This preview shows how black text looks on a background with the Hex color 569D94.

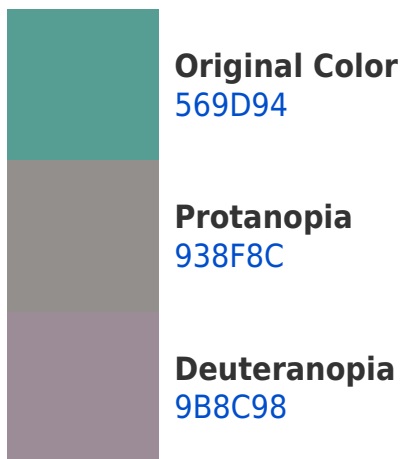


This preview shows how white text looks on a background with the Hex color 569D94.

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
5B9AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 569D94 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 #569D94 looks like.

```
.text, #text, p{  
    color:#569D94  
}
```

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 #569D94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #569D94
}
```

Border

The CSS property to change the border of an element to Hex 569D94 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
#569D94 }
```

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

```
.border{ border-color:#569D94 }
```

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

Here you see how a box with a 4 pixel #569D94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #569D94; -webkit-box-shadow:4px 4px  
4px 4px #569D94; box-shadow:4px 4px 4px  
4px #569D94 }
```

Background

The CSS property to change the background color of an element to Hex 569D94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#569D94 }
```

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

```
.background{ background-color:#569D94 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor