

Converting Colors

Hex(759C89)

Have a look what the booklet for
Hex(759C89) contains.

Hex(759C89)	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(759C89)

Conversions

Conversions Part 1

Format	Color
Hex	759C89
RGB	117, 156, 137
RGB Percent	46%, 61%, 54%
CMY	0.5412, 0.3882, 0.4627
CMYK	0.25, 0.00, 0.12, 0.39
HSL	151°, 16%, 54%
HSV	151°, 25%, 61%
XYZ	23.7399, 29.3650, 28.0837
YIQ	142.1730, -17.1450, -14.1770

Conversions

Conversions Part 2

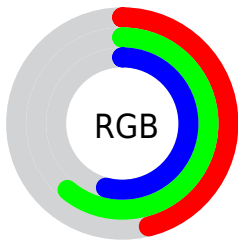
Format	Color
RYB	117, 143, 156
Decimal	7707785
CIELab	61.10, -17.45, 5.63
CIELCh	61, 18.338, 162.136
Yxy	29.3650, 0.2924, 0.3617
Android (android.graphics.Color)	4285897865 (0xFF759C89)
YUV	142.1730, -2.5503, -22.0767
Hunter-Lab	54.1895, -16.6322, 7.2056

Details

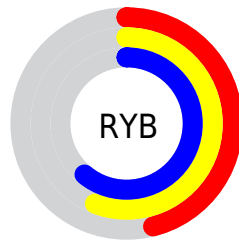
The Hex color **759C89** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9C7588**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **AAD3BE**, and **446957** is the 20% darker color. If you saturate the color by 10%, you get **659C81**, and if you desaturate by 10%, it is **859C91**.

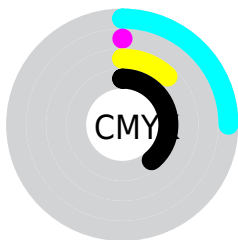
Distribution



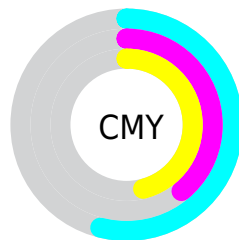
- Red (46%)
- Green (61%)
- Blue (54%)



- Red (46%)
- Yellow (56%)
- Blue (61%)



- Cyan (25%)
- Magenta (0%)
- Yellow (12%)
- Black (39%)



- Cyan (54%)
- Magenta (39%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 759C89 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 759C89 by changing the saturation by 10% instead.



759C89



759C89

FFFFFF



5C8270



AAD3BE



446957



C5EFDA



2C5040



E1FFF7



15392A

FEFFFF



002316



000800



000000



759C89



759C89



659C81



859C91

■ 569C7A

■ 949C98

■ 469C72

■ A49CA0

■ 379C6B

■ B39CA7

■ 279C63

■ C39CAF

■ 179C5B

■ D39CB7

■ 089C54

■ E29CBE

■ 009C50

■ F29CC6

■ FF9CCD

Harmonies

Analogous

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



87997B



759C89



699D9A

Triad

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



759C89



8993B3



B38A7E

Complementary

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



759C89



9C7588

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.



B5888D



759C89



9E8DAC

Square

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



759C89



7598B2



AE899E



A98F75

Rectangle

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



759C89



679CA4



AE899E



B48983

Sweetspot

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



759C89



BCCCC4



899C75



5C6661



E6E6E6



666666

Same Dimension

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



759C89



8FCCA8



759C9C



474F4B



008F49



000F08

Inverse Universe

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



9C7588



CC8FAD



9C7575



4F474B



8F0046



0F0007

Previews

White Background



This preview shows how the Hex color 759C89 looks on a white background.

Color Contrast Check

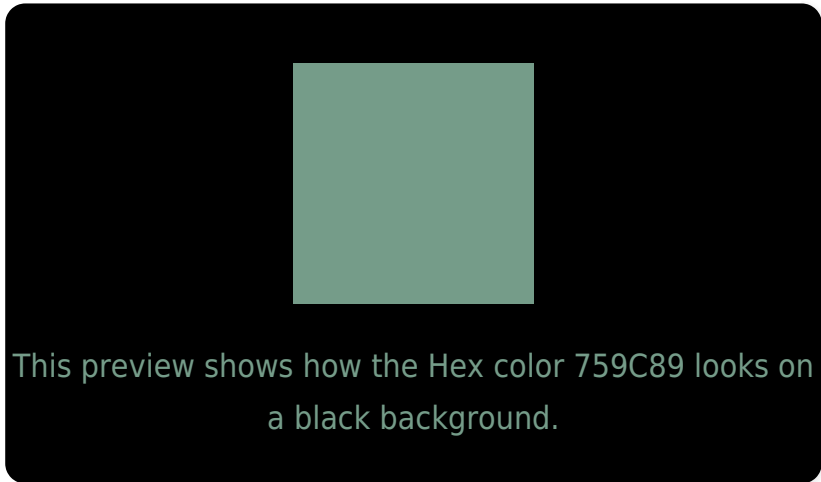
Large Text (above 18pt) WCAG AA ✓ Pass

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

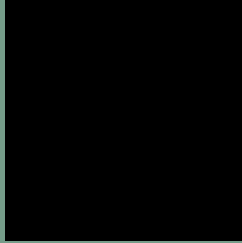
Any Text WCAG AA ✓ Pass

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 759C89 Background



This preview shows how black text looks on a background with the Hex color 759C89.

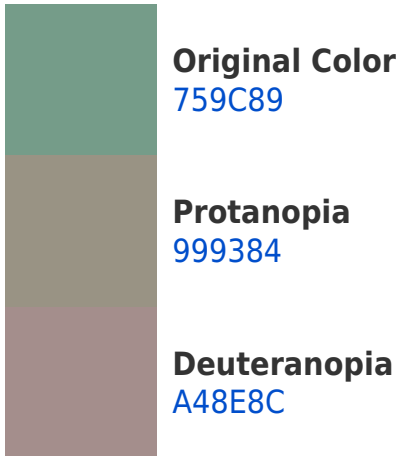


This preview shows how white text looks on a background with the Hex color 759C89.

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



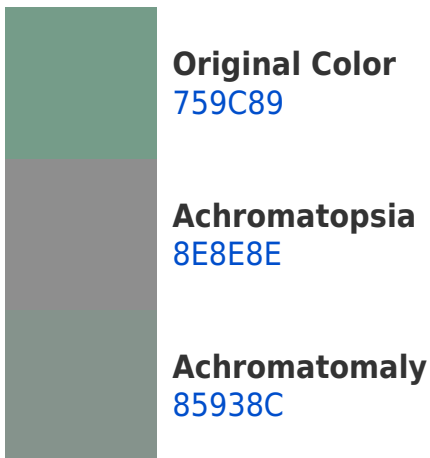


Tritanopia
7A98A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 759C89 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 #759C89 looks like.

```
.text, #text, p{  
    color:#759C89  
}
```

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 #759C89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #759C89
}
```

Border

The CSS property to change the border of an element to Hex 759C89 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
#759C89 }
```

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

```
.border{ border-color:#759C89 }
```

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

Here you see how a box with a 4 pixel #759C89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #759C89; -webkit-box-shadow:4px 4px  
4px 4px #759C89; box-shadow:4px 4px 4px  
4px #759C89 }
```

Background

The CSS property to change the background color of an element to Hex 759C89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#759C89 }
```

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

```
.background{ background-color:#759C89 }
```

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