

# Converting Colors

Hex(659789)

Have a look what the booklet for  
Hex(659789) contains.

<b>Hex(659789)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(659789)**

# Conversions

Conversions Part 1	
Format	Color
Hex	659789
RGB	101, 151, 137
RGB Percent	40%, 59%, 54%
CMY	0.6039, 0.4078, 0.4627
CMYK	0.33, 0.00, 0.09, 0.41
HSL	163°, 20%, 49%
HSV	163°, 33%, 59%
XYZ	20.9488, 26.7061, 27.7176
YIQ	134.4540, -25.3060, -14.9540

# Conversions

## Conversions Part 2

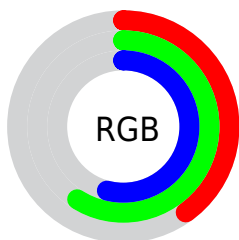
Format	Color
<a href="#">RYB</a>	<a href="#">101, 130, 151</a>
Decimal	<a href="#">6657929</a>
CIELab	<a href="#">58.70, -19.96, 2.04</a>
CIELCh	<a href="#">59, 20.067, 174.162</a>
Yxy	<a href="#">26.7061, 0.2779, 0.3543</a>
Android (android.graphics.Color)	<a href="#">4284848009</a> (0xFF659789)
YUV	<a href="#">134.4540, 1.2552, -29.3392</a>
Hunter-Lab	<a href="#">51.6779, -18.0774, 4.3742</a>

# Details

The Hex color **659789** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **976573**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **9ACDBE**, and **336457** is the 20% darker color. If you saturate the color by 10%, you get **569785**, and if you desaturate by 10%, it is **74978D**.

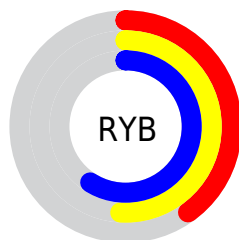
# Distribution



Red (40%)

Green (59%)

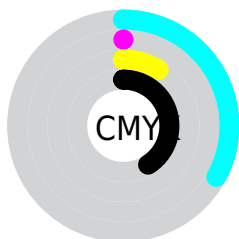
Blue (54%)



Red (40%)

Yellow (51%)

Blue (59%)

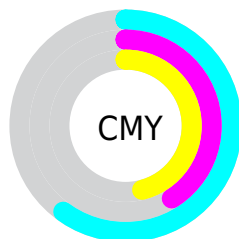


Cyan (33%)

Magenta (0%)

Yellow (9%)

Black (41%)



Cyan (60%)

Magenta (41%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 659789 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 659789 by changing the saturation by 10% instead.



 659789

 659789

FFFFFF

 4C7D70

 9ACDBE

 336457

 B5EADA

 1A4C40

 D1FFF7

 00352A

 EDFFFF

 002016

 000000

 659789

 659789

 569785

 74978D

 479781

 839791

 38977C

 929796

 299778

 A1979A

 1A9774

 B1979E

 0A9770

 C097A2

 00976D

 CF97A7

 DE97AB

 ED97AF

# Harmonies

## Analogous

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



779578



659789



5B979B

# Triad

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



659789



8C8AAD



AB8571

# Complementary

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



659789



976573

# 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.



B18180



659789



A184A2

# Square

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



659789



7490B0



AE8191



9E8B6A

# Rectangle

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



659789



5D96A5



AE8191



AE8475



# Sweetspot

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



659789



B1C4BF



739765



586360



E3E3E3



636363



# Same Dimension

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



659789



76C4AE



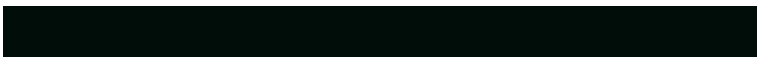
658C97



454D4A



008C65



000D09



# Inverse Universe

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



976573



C4768C



977065



4D4547



8C0027

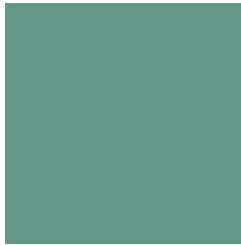


0D0004



# Previews

## White Background



This preview shows how the Hex color 659789 looks on a white background.

## Color Contrast Check

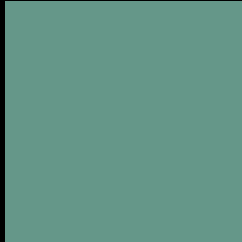
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color 659789 looks on a 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 659789 Background



This preview shows how black text looks on a background with the Hex color 659789.

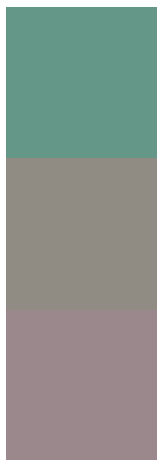


This preview shows how white text looks on a background with the Hex color 659789.

# 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](#).

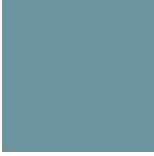
## Dichromacy



**Original Color**  
659789

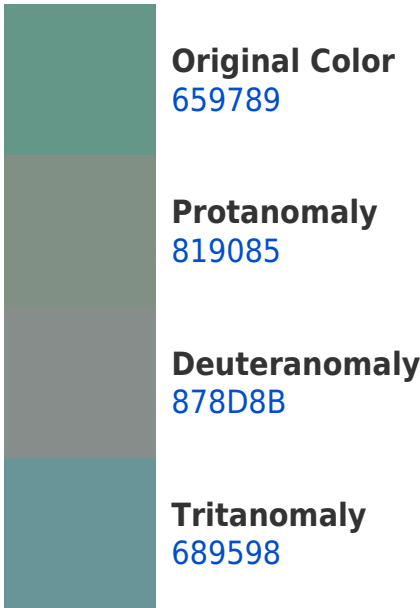
**Protanopia**  
918C83

**Deuteranopia**  
9A888C

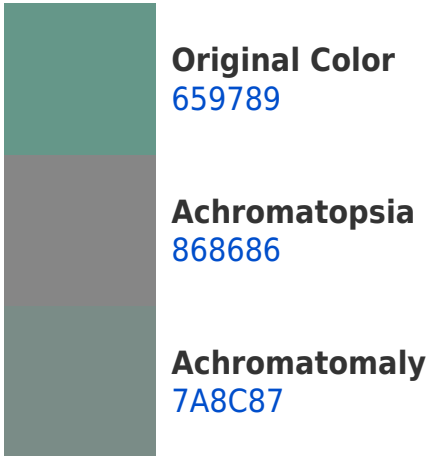


**Tritanopia**  
6A94A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 659789 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 #659789 looks like.

```
.text, #text, p{  
    color:#659789  
}
```

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 #659789 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #659789
}
```

## Border

The CSS property to change the border of an element to Hex 659789 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
#659789 }
```

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

```
.border{ border-color:#659789 }
```

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

Here you see how a box with a 4 pixel #659789 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #659789; -webkit-box-shadow:4px 4px  
4px 4px #659789; box-shadow:4px 4px 4px  
4px #659789 }
```

# Background

The CSS property to change the background color of an element to Hex 659789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#659789 }
```

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

```
.background{ background-color:#659789 }
```

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