

# Converting Colors

Hex(678989)

Have a look what the booklet for  
Hex(678989) contains.

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# Color

**Hex(678989)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	678989
RGB	103, 137, 137
RGB Percent	40%, 54%, 54%
CMY	0.5961, 0.4627, 0.4627
CMYK	0.25, 0.00, 0.00, 0.46
HSL	180°, 14%, 47%
HSV	180°, 25%, 54%
XYZ	19.0545, 22.5810, 27.0212
YIQ	126.8340, -20.2640, -7.2080

# Conversions

## Conversions Part 2

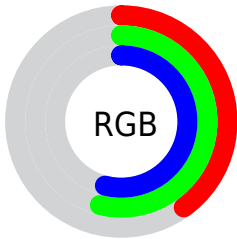
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 120, 137
Decimal	6785417
CIELab	54.64, -11.84, -3.89
CIELCh	55, 12.465, 198.201
Yxy	22.5810, 0.2775, 0.3289
Android (android.graphics.Color)	4284975497 (0xFF678989)
YUV	126.8340, 5.0118, -20.9024
Hunter-Lab	47.5195, -11.5836, -0.4507

# Details

The Hex color **678989** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **896767**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **9BBEBE**, and **365757** is the 20% darker color. If you saturate the color by 10%, you get **598989**, and if you desaturate by 10%, it is **758989**.

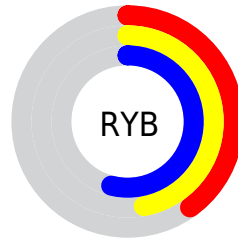
# Distribution



Red (40%)

Green (54%)

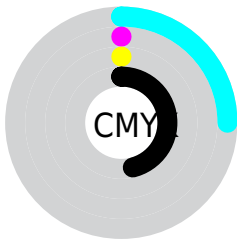
Blue (54%)



Red (40%)

Yellow (47%)

Blue (54%)

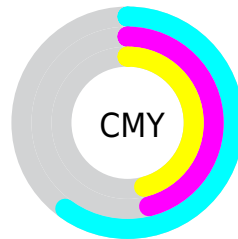


Cyan (25%)

Magenta (0%)

Yellow (0%)

Black (46%)



Cyan (60%)

Magenta (46%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 678989 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 678989 by changing the saturation by 10% instead.





678989



678989

FFFFFF



4E7070



9BBEBE



365757



B6DADA



1F4040



D2F7F7



072A2A



EEFFFF



001616



000000



678989



678989



598989



758989



4C8989



828989

 3E8989

 908989

 308989

 9E8989

 238989

 AC8989

 158989

 B98989

 078989

 C78989

 008989

 D58989

 E28989

# Harmonies

## Analogous

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



6D897E



678989



698892

# Triad

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



678989



8D7E91



8F816E

# Complementary

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



678989



896767

# 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.



977D73



678989



967C87

# Square

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



678989



7F8197



9A7B7C



84846E

# Rectangle

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



678989



6E8696



9A7B7C



937F6F



# Sweetspot

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



678989



A6B3B3



678967



525959



D9D9D9



595959



# Same Dimension

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



678989



7DB3B3



677889



3E4545



008585



000505



# Inverse Universe

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



896789



B37DB3



897867



453E45



850085



050005



# Previews

## White Background



This preview shows how the Hex color 678989 looks on a white background.

## Color Contrast Check

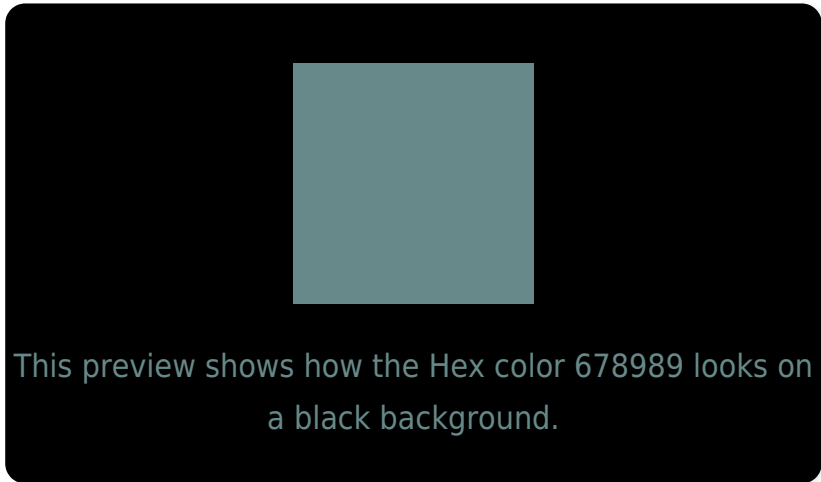
Large Text (above 18pt) WCAG AA ✓ Pass

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

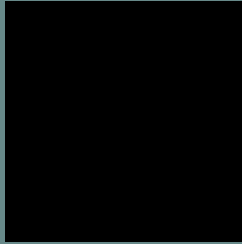
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 678989 Background



This preview shows how black text looks on a background with the Hex color 678989.

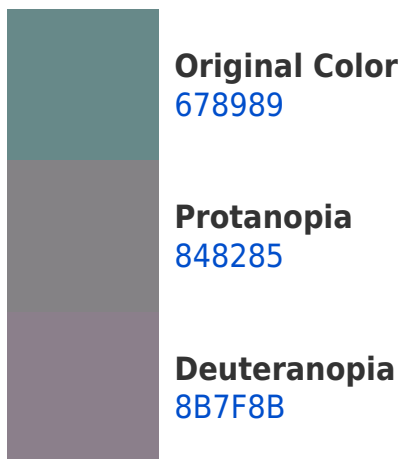


This preview shows how white text looks on a background with the Hex color 678989.

# 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](#).

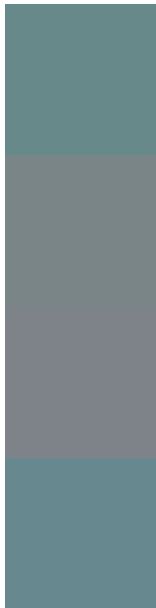
## Dichromacy





**Tritanopia**  
698892

# Trichromacy



**Original Color**  
678989

**Protanomaly**  
798586

**Deuteranomaly**  
7E838A

**Tritanomaly**  
68888F

# Monochromacy



**Original Color**  
678989

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
768383

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 678989 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 #678989 looks like.

```
.text, #text, p{  
    color:#678989  
}
```

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 #678989 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #678989
}
```

## Border

The CSS property to change the border of an element to Hex 678989 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
#678989 }
```

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

```
.border{ border-color:#678989 }
```

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

Here you see how a box with a 4 pixel #678989 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #678989; -webkit-box-shadow:4px 4px  
4px 4px #678989; box-shadow:4px 4px 4px  
4px #678989 }
```

# Background

The CSS property to change the background color of an element to Hex 678989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#678989 }
```

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

```
.background{ background-color:#678989 }
```

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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