

# Converting Colors

Hex(789F98)

Have a look what the booklet for  
Hex(789F98) contains.

<b>Hex(789F98)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(789F98)**

# Conversions

## Conversions Part 1

Format	Color
Hex	789F98
RGB	120, 159, 152
RGB Percent	47%, 62%, 60%
CMY	0.5294, 0.3765, 0.4039
CMYK	0.25, 0.00, 0.04, 0.38
HSL	169°, 17%, 55%
HSV	169°, 25%, 62%
XYZ	25.8114, 31.0563, 34.3398
YIQ	146.5410, -20.9970, -10.4450

# Conversions

## Conversions Part 2

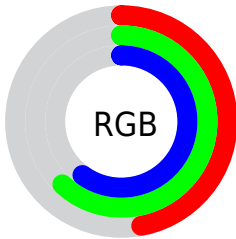
<b>Format</b>	<b>Color</b>
<b>RYB</b>	120, 141, 159
Decimal	7905176
CIELab	62.56, -14.81, -0.70
CIELCh	63, 14.828, 182.694
Yxy	31.0563, 0.2830, 0.3405
Android (android.graphics.Color)	4286095256 (0xFF789F98)
YUV	146.5410, 2.6913, -23.2765
Hunter-Lab	55.7282, -14.8494, 2.4751

# Details

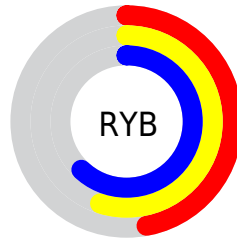
The Hex color **789F98** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9F787F**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **ADD6CE**, and **466B65** is the 20% darker color. If you saturate the color by 10%, you get **689F95**, and if you desaturate by 10%, it is **889F9B**.

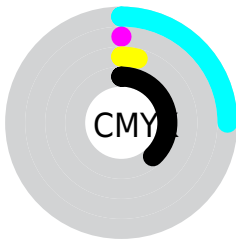
# Distribution



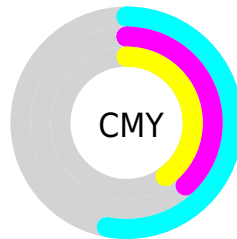
- Red (47%)
- Green (62%)
- Blue (60%)



- Red (47%)
- Yellow (55%)
- Blue (62%)



- Cyan (25%)
- Magenta (0%)
- Yellow (4%)
- Black (38%)



- Cyan (53%)
- Magenta (38%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 789F98 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 789F98 by changing the saturation by 10% instead.



 789F98

 789F98

FFFFFF

 5F857E

 ADD6CE

 466B65

 C9F2EA

 2E534D

 E5FFFF

 173C37

 002621


 00110B

 000000

 789F98

 789F98

 689F95

 889F9B

■ 589F92

■ 989F9E

■ 489F8F

■ A89FA1

■ 389F8D

■ B89FA3

■ 289F8A

■ C89FA6

■ 199F87

■ D79FA9

■ 099F84

■ E79FAC

■ 009F82

■ F79FAF

■ FF9FB2

# Harmonies

## Analogous

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



839E8B



789F98



759EA5

# Triad

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



789F98



9B94AD



AC9280

# Complementary

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



789F98



9F787F

# 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.



B38F8A



789F98



AA90A4

# Square

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



789F98



8A98B1



B28E97



A1977D

# Rectangle

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



789F98



789DAC



B28E97



AF9183



# Sweetspot

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



789F98



C0CFCC



7F9F78



606967



E8E8E8



696969



# Same Dimension

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



789F98



93CFC4



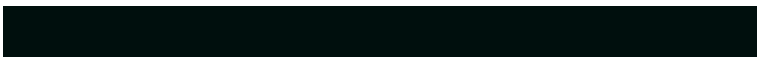
78939F



474F4E



008F75



000F0D



# Inverse Universe

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



9F787F



CF939D



9F8478



4F4749



8F001A



0F0003



# Previews

## White Background



This preview shows how the Hex color 789F98 looks on a white background.

## Color Contrast Check

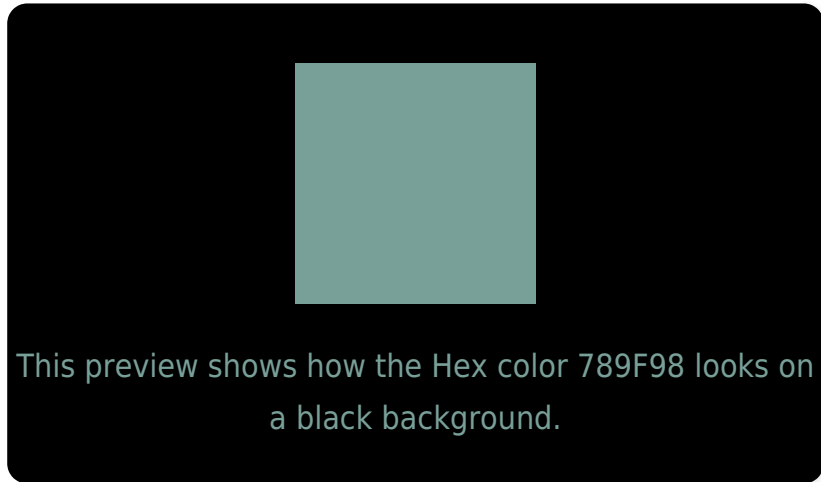
Large Text (above 18pt) WCAG AA × Fail

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

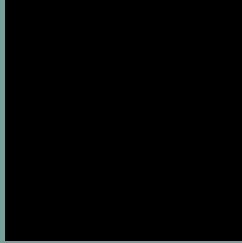
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 789F98 Background



This preview shows how black text looks on a background with the Hex color 789F98.

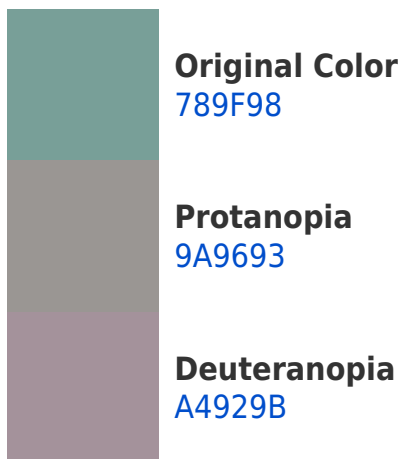


This preview shows how white text looks on a background with the Hex color 789F98.

# 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



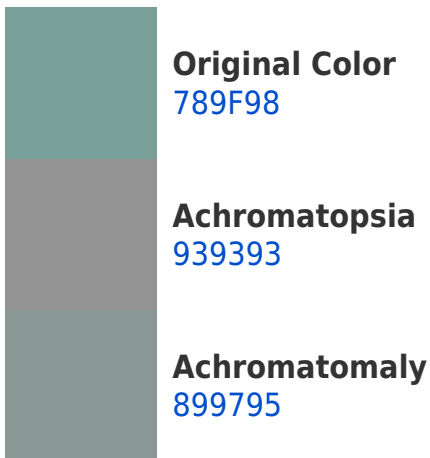


**Tritanopia**  
7B9CA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 789F98 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 #789F98 looks like.

```
.text, #text, p{  
    color:#789F98  
}
```

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 #789F98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #789F98
}
```

## Border

The CSS property to change the border of an element to Hex 789F98 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
#789F98 }
```

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

```
.border{ border-color:#789F98 }
```

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

Here you see how a box with a 4 pixel #789F98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #789F98; -webkit-box-shadow:4px 4px  
4px 4px #789F98; box-shadow:4px 4px 4px  
4px #789F98 }
```

# Background

The CSS property to change the background color of an element to Hex 789F98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#789F98 }
```

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

```
.background{ background-color:#789F98 }
```

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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