

# Converting Colors

Hex(67AF98)

Have a look what the booklet for  
Hex(67AF98) contains.

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# **Color**

**Hex(67AF98)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67AF98
RGB	103, 175, 152
RGB Percent	40%, 69%, 60%
CMY	0.5961, 0.3137, 0.4039
CMYK	0.41, 0.00, 0.13, 0.31
HSL	161°, 31%, 55%
HSV	161°, 41%, 69%
XYZ	26.5910, 35.8105, 35.2164
YIQ	150.8500, -35.5290, -22.4170

# Conversions

## Conversions Part 2

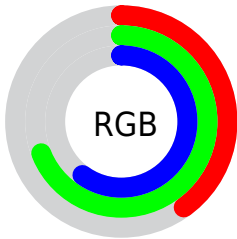
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 146, 175
Decimal	6795160
CIELab	66.37, -28.05, 4.74
CIELCh	66, 28.446, 170.408
Yxy	35.8105, 0.2724, 0.3668
Android (android.graphics.Color)	4284985240 (0xFF67AF98)
YUV	150.8500, 0.5670, -41.9644
Hunter-Lab	59.8419, -25.4061, 6.9977

# Details

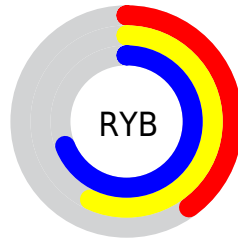
The Hex color **67AF98** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AF677E**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **9DE7CE**, and **327A65** is the 20% darker color. If you saturate the color by 10%, you get **56AF92**, and if you desaturate by 10%, it is **79AF9E**.

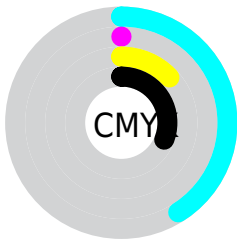
# Distribution



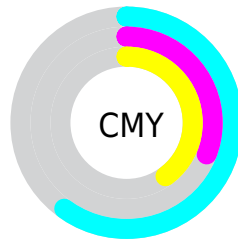
- Red (40%)
- Green (69%)
- Blue (60%)



- Red (40%)
- Yellow (57%)
- Blue (69%)



- Cyan (41%)
- Magenta (0%)
- Yellow (13%)
- Black (31%)



- Cyan (60%)
- Magenta (31%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67AF98 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 67AF98 by changing the saturation by 10% instead.



 67AF98

 67AF98

FFFFFF

 4C947E

 9DE7CE

 327A65

 B9FFEA

 13614D

 D6FFFF

 004936

 F3FFFF

 003221

 001F0A

 000000

 67AF98

 67AF98

 56AF92

 79AF9E

■ 44AF8D

■ 8AAFA3

■ 33AF87

■ 9CAFA9

■ 21AF82

■ ADAFAE

■ 10AF7C

■ BFAFB4

■ 00AF77

■ D0AFBA

■ E2AFBF

■ F3AFC5

■ FFAFCA

# Harmonies

## Analogous

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



84AC80



67AF98



52AFB2

# Triad

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



67AF98



9A9ED1



CD957B

# Complementary

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



67AF98



AF677E

# 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.



D58F91



67AF98



BA95C2

# Square

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



67AF98



74A6D3



CE8FAB



BB9D6F

# Rectangle

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



67AF98



51AEC2



CE8FAB



D19281



# Sweetspot

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



67AF98



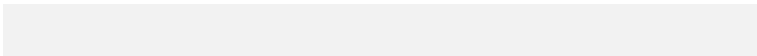
C8E3DA



7FAF67



63736E



F2F2F2



737373



# Same Dimension

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



67AF98



74E3BF



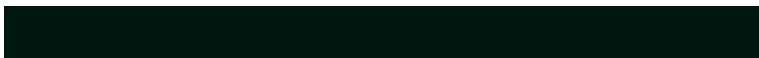
67A3AF



4E5754



009666



001710



# Inverse Universe

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



AF677E



E37497



AF7367



574E51



960030



170007



# Previews

## White Background



This preview shows how the Hex color 67AF98 looks on a white background.

## Color Contrast Check

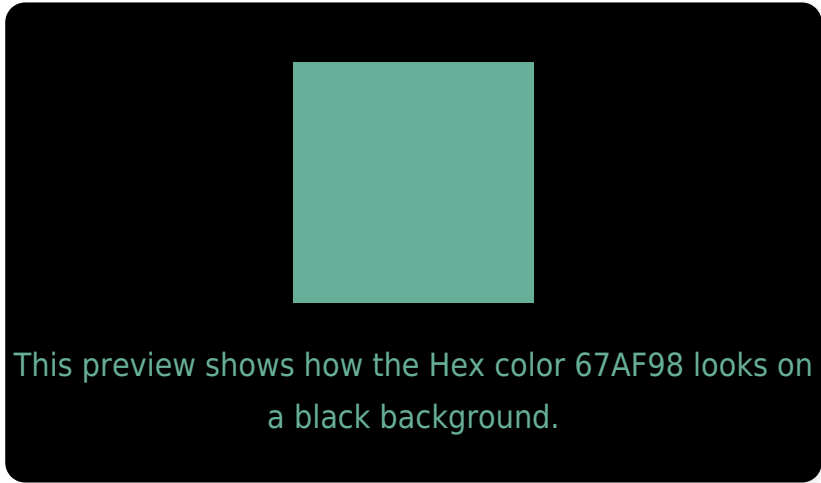
Large Text (above 18pt) WCAG AA × Fail

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

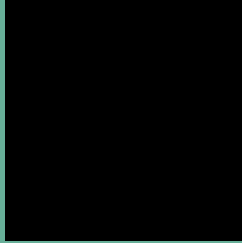
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 67AF98 Background



This preview shows how black text looks on a background with the Hex color 67AF98.



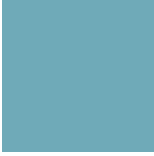
This preview shows how white text looks on a background with the Hex color 67AF98.

# 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](#).

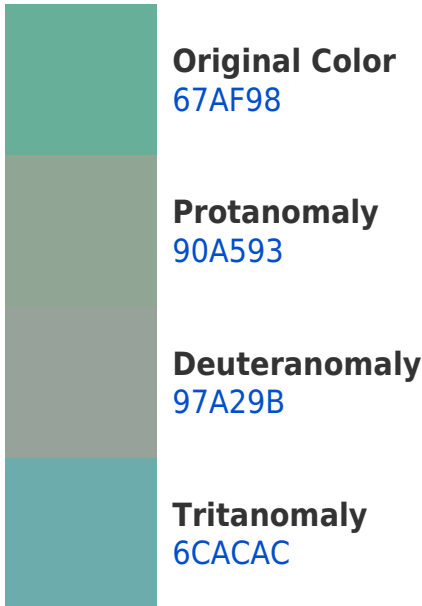
## Dichromacy





**Tritanopia**  
6FAAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67AF98 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 #67AF98 looks like.

```
.text, #text, p{  
    color:#67AF98  
}
```

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 #67AF98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67AF98
}
```

## Border

The CSS property to change the border of an element to Hex 67AF98 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
#67AF98 }
```

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

```
.border{ border-color:#67AF98 }
```

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

Here you see how a box with a 4 pixel #67AF98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67AF98; -webkit-box-shadow:4px 4px  
4px 4px #67AF98; box-shadow:4px 4px 4px  
4px #67AF98 }
```

# Background

The CSS property to change the background color of an element to Hex 67AF98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67AF98 }
```

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

```
.background{ background-color:#67AF98 }
```

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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