

Converting Colors

Hex(67988F)

Have a look what the booklet for
Hex(67988F) contains.

Hex(67988F)	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(67988F)

Conversions

Conversions Part 1

Format	Color
Hex	67988F
RGB	103, 152, 143
RGB Percent	40%, 60%, 56%
CMY	0.5961, 0.4039, 0.4392
CMYK	0.32, 0.00, 0.06, 0.40
HSL	169°, 19%, 50%
HSV	169°, 32%, 60%
XYZ	21.7797, 27.3232, 30.1126
YIQ	136.3230, -26.3150, -13.1870

Conversions

Conversions Part 2

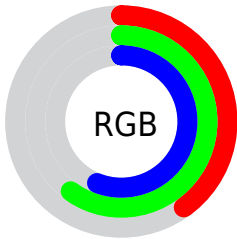
Format	Color
RYB	103, 130, 152
Decimal	6789263
CIELab	59.27, -18.48, -0.52
CIElCh	59, 18.490, 181.626
Yxy	27.3232, 0.2749, 0.3449
Android (android.graphics.Color)	4284979343 (0xFF67988F)
YUV	136.3230, 3.2918, -29.2243
Hunter-Lab	52.2716, -17.1008, 2.4344

Details

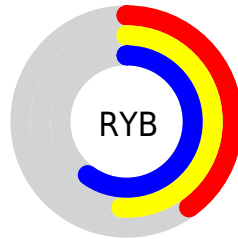
The Hex color **67988F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **986770**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **9CCEC5**, and **35655D** is the 20% darker color. If you saturate the color by 10%, you get **58988C**, and if you desaturate by 10%, it is **769892**.

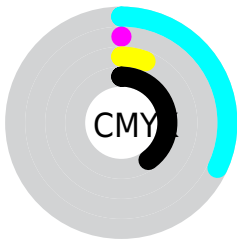
Distribution



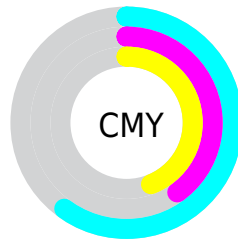
- Red (40%)
- Green (60%)
- Blue (56%)



- Red (40%)
- Yellow (51%)
- Blue (60%)



- Cyan (32%)
- Magenta (0%)
- Yellow (6%)
- Black (40%)



- Cyan (60%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67988F 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 67988F by changing the saturation by 10% instead.



67988F



67988F

FFFFFF



4E7E75



9CCEC5



35655D



B7EBE1



1C4D45



D3FFFD



00362F



F0FFFF



00201A



000000



67988F



67988F



58988C



769892



499889



859895

399887

959897

2A9884

A4989A

1B9881

B3989D

0C987E

C298A0

00987C

D198A3

E198A5

F098A8

Harmonies

Analogous

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



76967F



67988F



61979F

Triad

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



67988F



938AAA



A88873

Complementary

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



67988F



986770

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.



B0847E



67988F



A5859E

Square

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



67988F



7D90AF



AF838E



9A8E6E

Rectangle

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



67988F



6696A8



AF838E



AC8776

Sweetspot

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



67988F



B1C4C1



719867



586361



E3E3E3



636363

Same Dimension

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



67988F



78C4B6



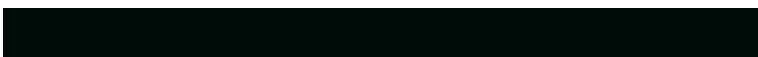
678998



454D4B



008C72



000D0A

Inverse Universe

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



986770



C47886



987667



4D4546



8C001A



0D0002

Previews

White Background



This preview shows how the Hex color 67988F looks on a white background.

Color Contrast Check

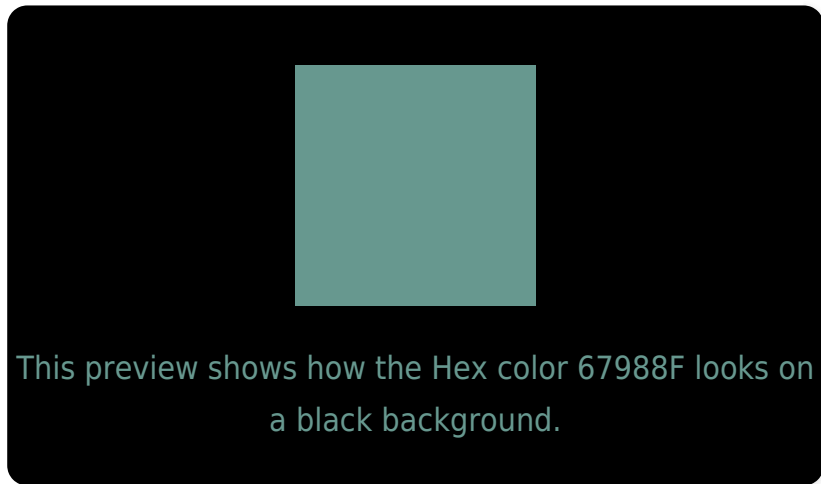
Large Text (above 18pt) WCAG AA ✓ Pass

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

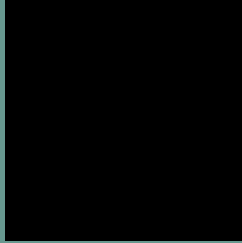
Any Text WCAG AA ✓ Pass

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 67988F Background



This preview shows how black text looks on a background with the Hex color 67988F.

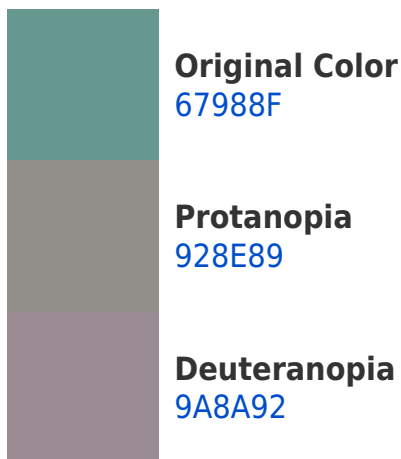


This preview shows how white text looks on a background with the Hex color 67988F.

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
6B95A1

Trichromacy



Original Color
67988F

Protanomaly
82928B

Deuteranomaly
878F91

Tritanomaly
6A969A

Monochromacy



Original Color
67988F

Achromatopsia
888888

Achromatomaly
7C8E8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 67988F 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 #67988F looks like.

```
.text, #text, p{  
    color:#67988F  
}
```

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 #67988F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67988F
}
```

Border

The CSS property to change the border of an element to Hex 67988F 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
#67988F }
```

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

```
.border{ border-color:#67988F }
```

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

Here you see how a box with a 4 pixel #67988F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67988F; -webkit-box-shadow:4px 4px  
4px 4px #67988F; box-shadow:4px 4px 4px  
4px #67988F }
```

Background

The CSS property to change the background color of an element to Hex 67988F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67988F }
```

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

```
.background{ background-color:#67988F }
```

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