

Converting Colors

Hex(67889F)

Have a look what the booklet for
Hex(67889F) contains.

Hex(67889F)	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(67889F)

Conversions

Conversions Part 1

Format	Color
Hex	67889F
RGB	103, 136, 159
RGB Percent	40%, 53%, 62%
CMY	0.5961, 0.4667, 0.3765
CMYK	0.35, 0.14, 0.00, 0.38
HSL	205°, 23%, 51%
HSV	205°, 35%, 62%
XYZ	20.6557, 22.9951, 36.1507
YIQ	128.7550, -27.0510, 0.1570

Conversions

Conversions Part 2

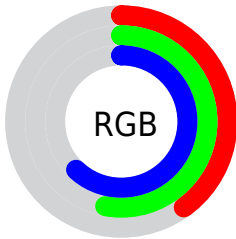
Format	Color
R_{YB}	103, 124, 159
Decimal	6785183
CIE _{Lab}	55.07, -5.71, -15.96
CIE _{LCh}	55, 16.951, 250.300
Yxy	22.9951, 0.2588, 0.2882
Android (android.graphics.Color)	4284975263 (0xFF67889F)
YUV	128.7550, 14.9108, -22.5871
Hunter-Lab	47.9532, -7.0298, -11.1300

Details

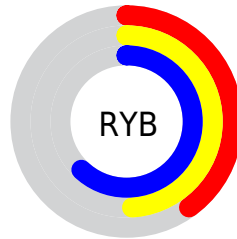
The Hex color **67889F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9F7E67**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **9CBDD6**, and **35566C** is the 20% darker color. If you saturate the color by 10%, you get **57819F**, and if you desaturate by 10%, it is **778F9F**.

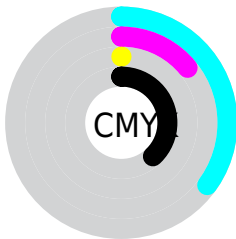
Distribution



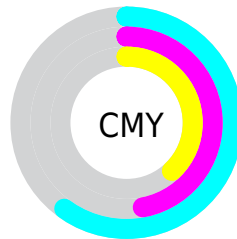
- Red (40%)
- Green (53%)
- Blue (62%)



- Red (40%)
- Yellow (49%)
- Blue (62%)



- Cyan (35%)
- Magenta (14%)
- Yellow (0%)
- Black (38%)



- Cyan (60%)
- Magenta (47%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67889F 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 67889F by changing the saturation by 10% instead.

■ 67889F

■ 67889F

FFFFFF

■ 4E6F85

■ 9CBDD6

■ 35566C

■ B7D9F2

■ 1C3F53

■ D3F5FF

■ 00293C

■ F0FFFF

■ 001526

■ 000111

■ 000000

■ 67889F

■ 67889F

■ 57819F

■ 778F9F

477B9F

87959F

37749F

979C9F

276E9F

A7A29F

17679F

B7A99F

08619F

C6AF9F

005E9F

D6B69F

E6BC9F

F6C39F

Harmonies

Analogous

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



5C8B96



67889F



7A83A0

Triad

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



67889F



A2797F



79896D

Complementary

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



67889F



9F7E67

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.



8A8467



67889F



A17B71

Square

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



67889F



9B7B8E



988069



698B79

Rectangle

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



67889F



87809D



988069



7F876A

Sweetspot

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



67889F



B8C5CF



679F7D



5B6369



E8E8E8



696969

Same Dimension

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



67889F



78ABCF



676D9F



474C4F



00548F



00090F

Inverse Universe

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



9F6788



CF78AB



9F9967



4F474C



8F0054



0F0009

Previews

White Background



This preview shows how the Hex color 67889F looks on a white background.

Color Contrast Check

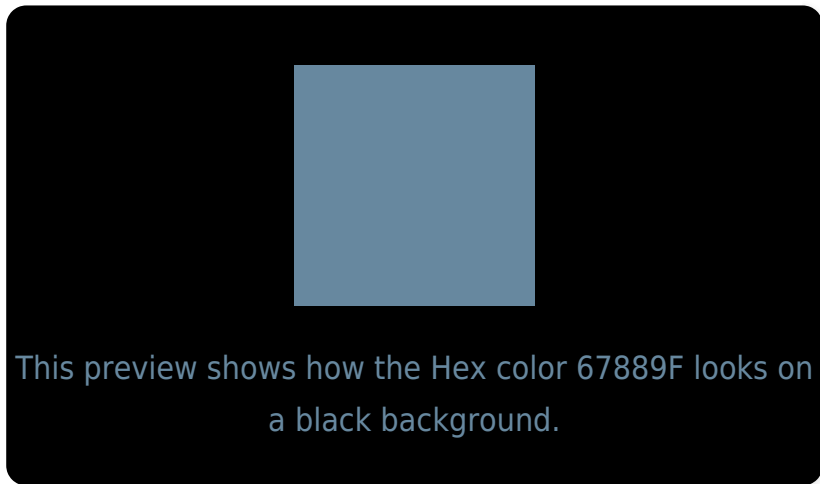
Large Text (above 18pt) WCAG AA ✓ Pass

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

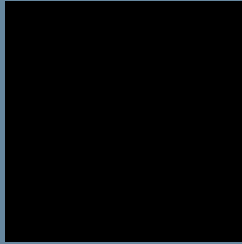
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

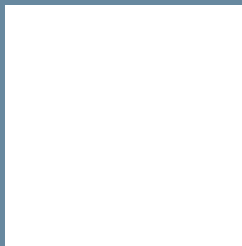
Any Text WCAG AAA × Fail

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

Hex 67889F Background



This preview shows how black text looks on a background with the Hex color 67889F.



This preview shows how white text looks on a background with the Hex color 67889F.

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
67889F

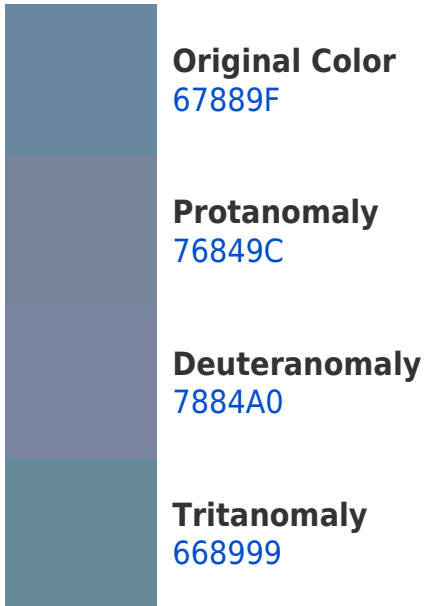
Protanopia
7E829B

Deuteranopia
8281A1



Tritanopia
658A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67889F 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 #67889F looks like.

```
.text, #text, p{  
    color:#67889F  
}
```

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 #67889F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67889F
}
```

Border

The CSS property to change the border of an element to Hex 67889F 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
#67889F }
```

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

```
.border{ border-color:#67889F }
```

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

Here you see how a box with a 4 pixel #67889F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67889F; -webkit-box-shadow:4px 4px  
4px 4px #67889F; box-shadow:4px 4px 4px  
4px #67889F }
```

Background

The CSS property to change the background color of an element to Hex 67889F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67889F }
```

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

```
.background{ background-color:#67889F }
```

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