

# Converting Colors

Hex(67789B)

Have a look what the booklet for  
Hex(67789B) contains.

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# Color

**Hex(67789B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	67789B
RGB	103, 120, 155
RGB Percent	40%, 47%, 61%
CMY	0.5961, 0.5294, 0.3922
CMYK	0.34, 0.23, 0.00, 0.39
HSL	220°, 21%, 51%
HSV	220°, 34%, 61%
XYZ	18.2264, 18.6831, 33.6559
YIQ	118.9070, -21.3670, 7.2810

# Conversions

## Conversions Part 2

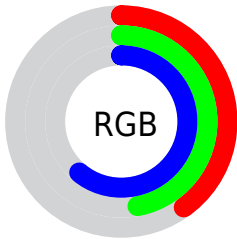
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 116, 155
Decimal	6781083
CIE <sub>Lab</sub>	50.31, 2.49, -20.89
CIE <sub>LCh</sub>	50, 21.040, 276.805
Yxy	18.6831, 0.2583, 0.2648
Android (android.graphics.Color)	4284971163 (0xFF67789B)
YUV	118.9070, 17.7938, -13.9504
Hunter-Lab	43.2239, -0.3731, -15.9089

# Details

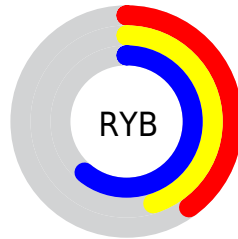
The Hex color **67789B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9B8A67**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **9BACD2**, and **364868** is the 20% darker color. If you saturate the color by 10%, you get **586E9B**, and if you desaturate by 10%, it is **77829B**.

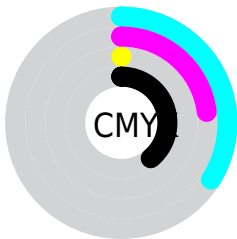
# Distribution



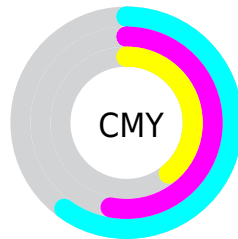
- Red (40%)
- Green (47%)
- Blue (61%)



- Red (40%)
- Yellow (45%)
- Blue (61%)



- Cyan (34%)
- Magenta (23%)
- Yellow (0%)
- Black (39%)



- Cyan (60%)
- Magenta (53%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67789B 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 67789B by changing the saturation by 10% instead.



■ 67789B

■ 67789B

FFFFFF

■ 4E5F81

■ 9BACD2

■ 364868

■ B7C7EE

■ 1D3150

■ D3E3FF

■ 021D38

■ EFFFFF

■ 000123

■ 00000A

■ 000000

■ 67789B

■ 67789B

■ 586E9B

■ 77829B

■ 48639B

■ 868D9B

■ 39599B

■ 96979B

■ 294E9B

■ A5A29B

■ 1A449B

■ B4AC9B

■ 0A399B

■ C4B79B

■ 00339B

■ D4C19B

■ E3CB9B

■ F2D69B

# Harmonies

## Analogous

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



4F7D98



67789B



807294

# Triad

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



67789B



9A6D63



588169

# Complementary

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



67789B



9B8A67

# 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.



6D7D5B



67789B



917257

# Square

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



67789B



9B6B74



817854



47827B

# Rectangle

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



67789B



8D6E8C



817854



5F8064



# Sweetspot

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



67789B



B5BCC9



679B8A



5A5E66



E6E6E6



666666



# Same Dimension

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



67789B



7993C9



70679B



45474D



002E8C



00040D



# Inverse Universe

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



9B6778



C97993



929B67



4D4547



8C002E

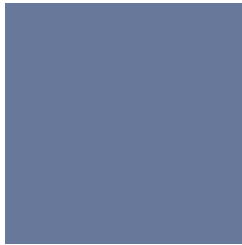


0D0004



# Previews

## White Background



This preview shows how the Hex color 67789B looks on a white background.

## Color Contrast Check

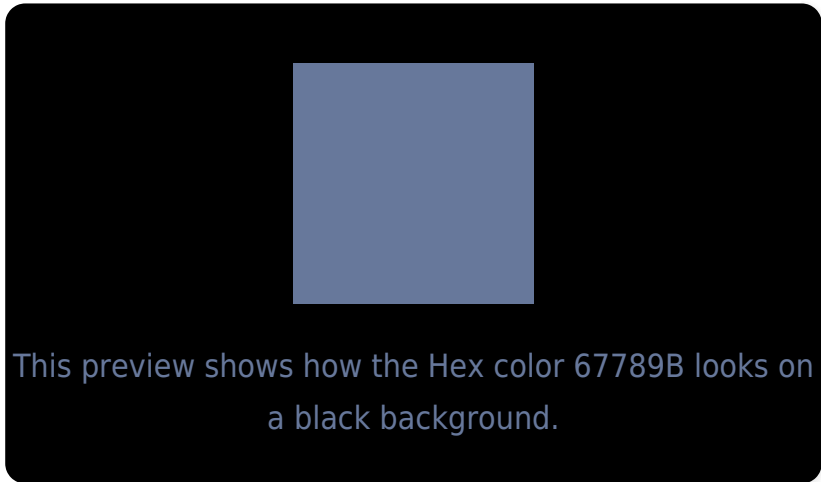
Large Text (above 18pt) WCAG AA ✓ Pass

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

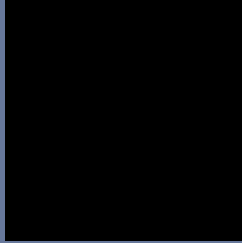
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

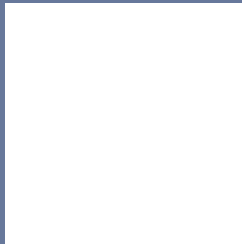
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 67789B Background



This preview shows how black text looks on a background with the Hex color 67789B.



This preview shows how white text looks on a background with the Hex color 67789B.

# 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**  
67789B

**Protanopia**  
6E769A

**Deuteranopia**  
70759C



**Tritanopia**  
627C86

# Trichromacy



**Original Color**  
67789B

**Protanomaly**  
6B779A

**Deuteranomaly**  
6D769C

**Tritanomaly**  
647B8E

# Monochromacy



**Original Color**  
67789B

**Achromatopsia**  
777777

**Achromatomaly**  
717784

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67789B 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 #67789B looks like.

```
.text, #text, p{  
    color:#67789B  
}
```

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 #67789B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67789B
}
```

## Border

The CSS property to change the border of an element to Hex 67789B 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
#67789B }
```

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

```
.border{ border-color:#67789B }
```

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

Here you see how a box with a 4 pixel #67789B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67789B; -webkit-box-shadow:4px 4px  
4px 4px #67789B; box-shadow:4px 4px 4px  
4px #67789B }
```

# Background

The CSS property to change the background color of an element to Hex 67789B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67789B }
```

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

```
.background{ background-color:#67789B }
```

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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