

Converting Colors

Hex(67849D)

Have a look what the booklet for
Hex(67849D) contains.

Hex(67849D)	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(67849D)

Conversions

Conversions Part 1

Format	Color
Hex	67849D
RGB	103, 132, 157
RGB Percent	40%, 52%, 62%
CMY	0.5961, 0.4824, 0.3843
CMYK	0.34, 0.16, 0.00, 0.38
HSL	208°, 22%, 51%
HSV	208°, 34%, 62%
XYZ	19.9306, 21.8204, 35.0596
YIQ	126.1790, -25.3090, 1.6270

Conversions

Conversions Part 2

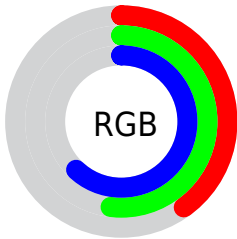
Format	Color
R_{YB}	103, 122, 157
Decimal	6784157
CIE Lab	53.84, -3.97, -16.67
CIE LCh	54, 17.140, 256.620
Yxy	21.8204, 0.2595, 0.2841
Android (android.graphics.Color)	4284974237 (0xFF67849D)
YUV	126.1790, 15.1948, -20.3280
Hunter-Lab	46.7123, -5.5866, -11.8010

Details

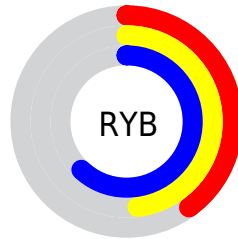
The Hex color **67849D** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **9D8067**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **9CB9D4**, and **35536A** is the 20% darker color. If you saturate the color by 10%, you get **577D9D**, and if you desaturate by 10%, it is **778B9D**.

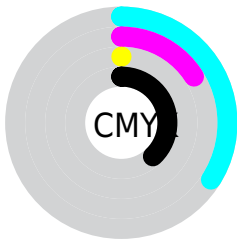
Distribution



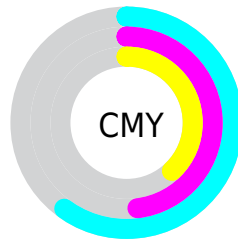
- Red (40%)
- Green (52%)
- Blue (62%)



- Red (40%)
- Yellow (48%)
- Blue (62%)



- Cyan (34%)
- Magenta (16%)
- Yellow (0%)
- Black (38%)



- Cyan (60%)
- Magenta (48%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67849D 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 67849D by changing the saturation by 10% instead.

■ 67849D

■ 67849D

FFFFFF

■ 4E6B83

■ 9CB9D4

■ 35536A

■ B7D5F0

■ 1C3C51

■ D3F1FF

■ 00263A

■ F0FFFF

■ 001125

■ 00010E

■ 000000

■ 67849D

■ 67849D

■ 577D9D

■ 778B9D

48759D

86939D

386E9D

969A9D

28679D

A6A19D

18609D

B6A89D

09589D

C5B09D

00549D

D5B79D

E5BE9D

F4C59D

Harmonies

Analogous

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



5A8896



67849D



7A7F9D

Triad

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



67849D



9F7679



72866C

Complementary

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



67849D



9D8067

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.



838264



67849D



9C796C

Square

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



67849D



9A7788



927D64



638979

Rectangle

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



67849D



877C98



927D64



788569

Sweetspot

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



67849D



B8C3CC



679D7F



5A6066



E6E6E6



666666

Same Dimension

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



67849D



78A5CC



676A9D



474B4F



004D8F



00080F

Inverse Universe

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



9D6784



CC78A5



9D9A67



4F474B



8F004D



0F0008

Previews

White Background



This preview shows how the Hex color 67849D looks on a white background.

Color Contrast Check

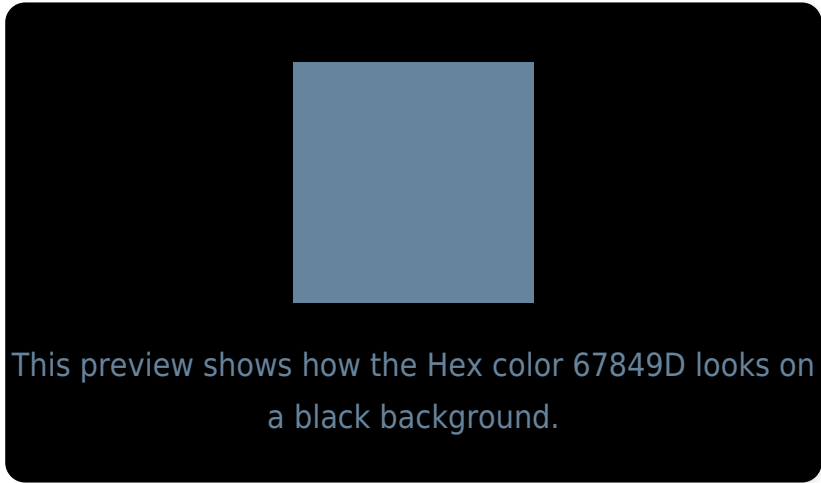
Large Text (above 18pt) WCAG AA ✓ Pass

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

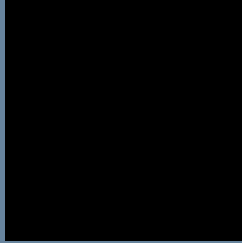
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

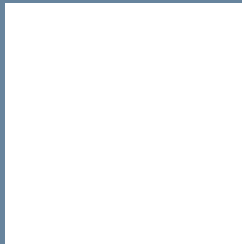
Any Text WCAG AAA × Fail

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

Hex 67849D Background



This preview shows how black text looks on a background with the Hex color 67849D.




This preview shows how white text looks on a background with the Hex color 67849D.

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](#).

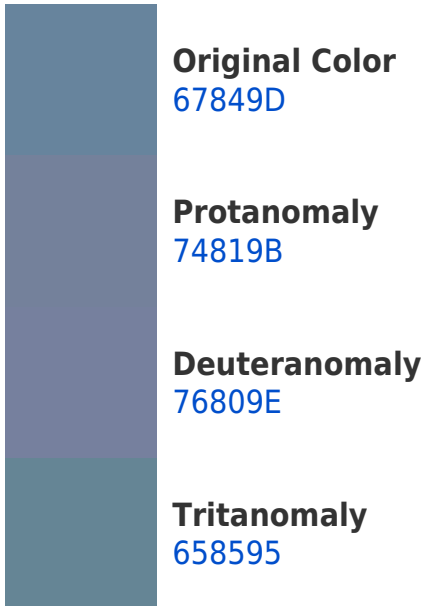
Dichromacy





Tritanopia
648691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67849D 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 #67849D looks like.

```
.text, #text, p{  
    color:#67849D  
}
```

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 #67849D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67849D
}
```

Border

The CSS property to change the border of an element to Hex 67849D 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
#67849D }
```

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

```
.border{ border-color:#67849D }
```

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

Here you see how a box with a 4 pixel #67849D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67849D; -webkit-box-shadow:4px 4px  
4px 4px #67849D; box-shadow:4px 4px 4px  
4px #67849D }
```

Background

The CSS property to change the background color of an element to Hex 67849D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67849D }
```

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

```
.background{ background-color:#67849D }
```

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