

Converting Colors

Hex(67799E)

Have a look what the booklet for
Hex(67799E) contains.

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Color

Hex(67799E)

Conversions

Conversions Part 1

Format	Color
Hex	67799E
RGB	103, 121, 158
RGB Percent	40%, 47%, 62%
CMY	0.5961, 0.5255, 0.3804
CMYK	0.35, 0.23, 0.00, 0.38
HSL	220°, 22%, 51%
HSV	220°, 35%, 62%
XYZ	18.6024, 19.0269, 35.0399
YIQ	119.8360, -22.6050, 7.6910

Conversions

Conversions Part 2

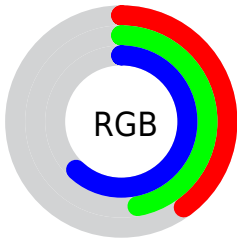
Format	Color
R_{YB}	103, 117, 158
Decimal	6781342
CIE Lab	50.72, 2.72, -22.02
CIE LCh	51, 22.191, 277.039
Yxy	19.0269, 0.2560, 0.2618
Android (android.graphics.Color)	4284971422 (0xFF67799E)
YUV	119.8360, 18.8149, -14.7652
Hunter-Lab	43.6199, -0.2104, -17.0938

Details

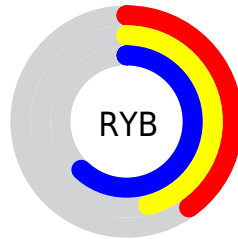
The Hex color **67799E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9E8C67**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **9CADD5**, and **35496A** is the 20% darker color. If you saturate the color by 10%, you get **576E9E**, and if you desaturate by 10%, it is **77849E**.

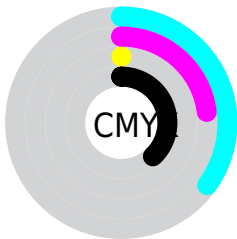
Distribution



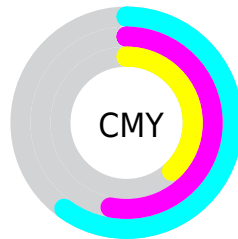
- Red (40%)
- Green (47%)
- Blue (62%)



- Red (40%)
- Yellow (46%)
- Blue (62%)



- Cyan (35%)
- Magenta (23%)
- Yellow (0%)
- Black (38%)



- Cyan (60%)
- Magenta (53%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67799E 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 67799E by changing the saturation by 10% instead.

■ 67799E

■ 67799E

FFFFFF

■ 4E6084

■ 9CADD5

■ 35496A

■ B7C9F1

■ 1C3252

■ D3E5FF

■ 011E3B

■ F0FFFF

■ 000325

■ 00010E

■ 000000

■ 67799E

■ 67799E

■ 576E9E

■ 77849E

47649E

878E9E

38599E

96999E

284E9E

A6A49E

18449E

B6AE9E

08399E

C6B99E

00349E

D6C39E

E5CE9E

F5D99E

Harmonies

Analogous

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



4D7F9B



67799E



817297

Triad

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



67799E



9D6D63



578269

Complementary

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



67799E



9E8C67

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.



6D7E5A



67799E



937356

Square

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



67799E



9E6B75



827953



44837D

Rectangle

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



67799E



8F6E8E



827953



5E8164

Sweetspot

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



67799E



BAC1CF



679E8C



5C6069



E8E8E8



696969

Same Dimension

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



67799E



7894CF



70679E



474A4F



002F8F



00050F

Inverse Universe

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



9E6779



CF7894



959E67



4F474A



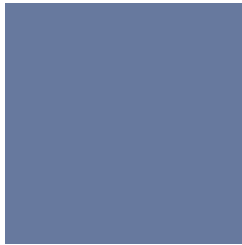
8F002F



0F0005

Previews

White Background



This preview shows how the Hex color 67799E looks on a white background.

Color Contrast Check

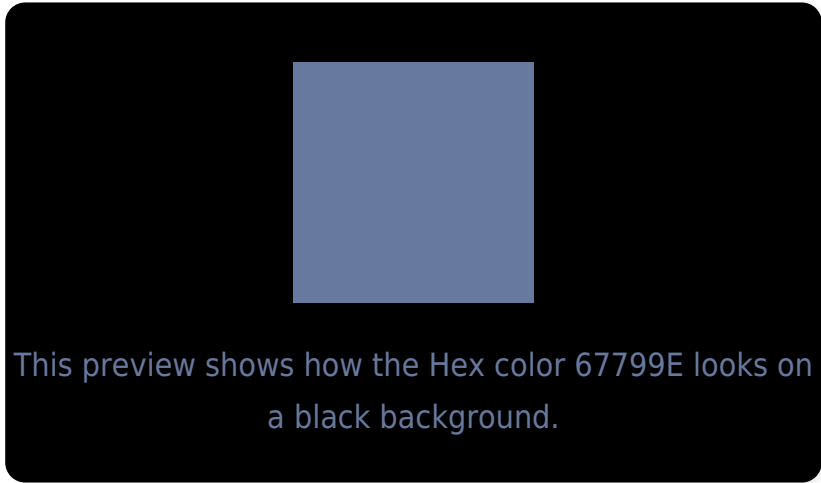
Large Text (above 18pt) WCAG AA ✓ Pass

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

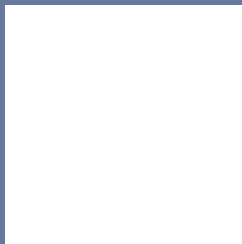
Any Text WCAG AAA × Fail

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

Hex 67799E Background



This preview shows how black text looks on a background with the Hex color 67799E.

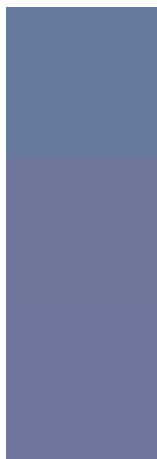


This preview shows how white text looks on a background with the Hex color 67799E.

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
67799E

Protanopia
6F779D

Deuteranopia
70779F



Tritanopia
627D87

Trichromacy



Original Color
67799E

Protanomaly
6C789D

Deuteranomaly
6D789F

Tritanomaly
647C8F

Monochromacy



Original Color
67799E

Achromatopsia
787878

Achromatomaly
727886

CSS Examples

Text

The CSS property to change the color of the text to Hex 67799E 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 #67799E looks like.

```
.text, #text, p{  
    color:#67799E  
}
```

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 #67799E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67799E
}
```

Border

The CSS property to change the border of an element to Hex 67799E 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
#67799E }
```

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

```
.border{ border-color:#67799E }
```

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

Here you see how a box with a 4 pixel #67799E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67799E; -webkit-box-shadow:4px 4px  
4px 4px #67799E; box-shadow:4px 4px 4px  
4px #67799E }
```

Background

The CSS property to change the background color of an element to Hex 67799E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67799E }
```

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

```
.background{ background-color:#67799E }
```

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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