

Converting Colors

Hex(68799A)

Have a look what the booklet for
Hex(68799A) contains.

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Color

Hex(68799A)

Conversions

Conversions Part 1

Format	Color
Hex	68799A
RGB	104, 121, 154
RGB Percent	41%, 47%, 60%
CMY	0.5922, 0.5255, 0.3961
CMYK	0.32, 0.21, 0.00, 0.40
HSL	220°, 20%, 51%
HSV	220°, 32%, 60%
XYZ	18.3790, 18.9509, 33.2611
YIQ	119.6790, -20.7250, 6.6590

Conversions

Conversions Part 2

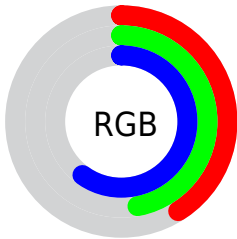
Format	Color
RYB	104, 117, 154
Decimal	6846874
CIELab	50.63, 1.94, -19.82
CIElCh	51, 19.912, 275.580
Yxy	18.9509, 0.2604, 0.2685
Android (android.graphics.Color)	4285036954 (0xFF68799A)
YUV	119.6790, 16.9203, -13.7505
Hunter-Lab	43.5326, -0.8212, -14.8276

Details

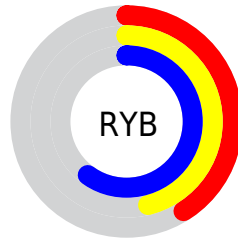
The Hex color **68799A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9A8968**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **9CADD0**, and **374967** is the 20% darker color. If you saturate the color by 10%, you get **596F9A**, and if you desaturate by 10%, it is **77839A**.

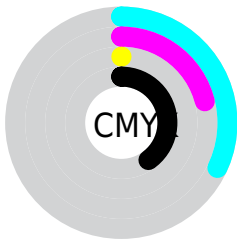
Distribution



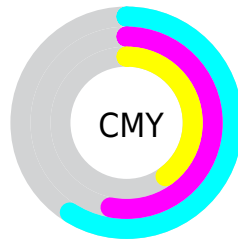
- Red (41%)
- Green (47%)
- Blue (60%)



- Red (41%)
- Yellow (46%)
- Blue (60%)



- Cyan (32%)
- Magenta (21%)
- Yellow (0%)
- Black (40%)



- Cyan (59%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68799A 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 68799A by changing the saturation by 10% instead.



68799A



68799A

FFFFFF



4F6080



9CADD0



374967



B8C9ED



1F324F



D4E5FF



041D38



F0FFFF



000322



000009



000000



68799A



68799A



596F9A



77839A

■ 49659A

■ 878D9A

■ 3A5B9A

■ 96979A

■ 2A509A

■ A6A29A

■ 1B469A

■ B5AC9A

■ 0C3C9A

■ C4B69A

■ 00349A

■ D4C09A

■ E3CA9A

■ F3D49A

Harmonies

Analogous

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



527E97



68799A



7F7394

Triad

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



68799A



9A6E66



5C816A

Complementary

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



68799A



9A8968

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.



6F7D5D



68799A



91735A

Square

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



68799A



9A6C76



827857



4C827B

Rectangle

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



68799A



8C708C



827857



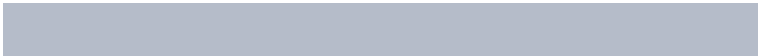
628065

Sweetspot

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



68799A



B5BCC9



689A89



5A5E66



E6E6E6



666666

Same Dimension

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



68799A



7B96C9



70689A



45474D



00308C



00040D

Inverse Universe

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



9A6879



C97B96



939A68



4D4547



8C0030



0D0004

Previews

White Background



This preview shows how the Hex color 68799A looks on a white background.

Color Contrast Check

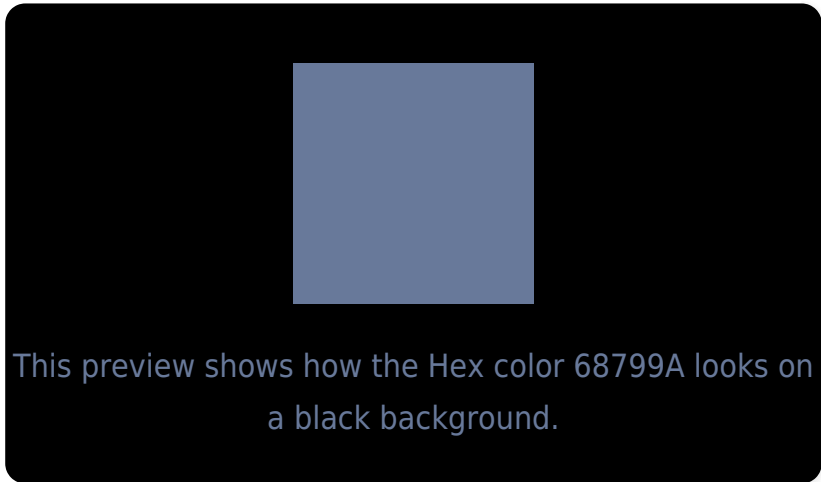
Large Text (above 18pt) WCAG AA ✓ Pass

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

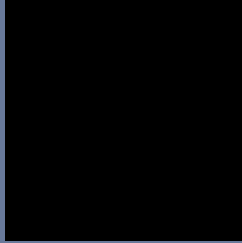
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

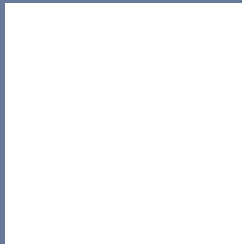
Any Text WCAG AAA × Fail

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

Hex 68799A Background



This preview shows how black text looks on a background with the Hex color 68799A.

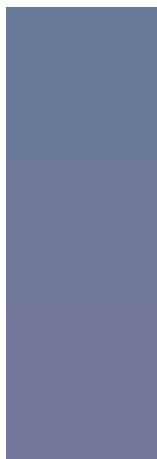


This preview shows how white text looks on a background with the Hex color 68799A.

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
68799A

Protanopia
707799

Deuteranopia
72769B



Tritanopia
647C86

Trichromacy



Original Color
68799A

Protanomaly
6D7899

Deuteranomaly
6E779B

Tritanomaly
657B8D

Monochromacy



Original Color
68799A

Achromatopsia
787878

Achromatomaly
727884

CSS Examples

Text

The CSS property to change the color of the text to Hex 68799A 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 #68799A looks like.

```
.text, #text, p{  
    color:#68799A  
}
```

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 #68799A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68799A
}
```

Border

The CSS property to change the border of an element to Hex 68799A 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
#68799A }
```

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

```
.border{ border-color:#68799A }
```

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

Here you see how a box with a 4 pixel #68799A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68799A; -webkit-box-shadow:4px 4px  
4px 4px #68799A; box-shadow:4px 4px 4px  
4px #68799A }
```

Background

The CSS property to change the background color of an element to Hex 68799A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68799A }
```

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

```
.background{ background-color:#68799A }
```

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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