

Converting Colors

Hex(63709E)

Have a look what the booklet for
Hex(63709E) contains.

Hex(63709E)	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(63709E)

Conversions

Conversions Part 1

Format	Color
Hex	63709E
RGB	99, 112, 158
RGB Percent	39%, 44%, 62%
CMY	0.6118, 0.5608, 0.3804
CMYK	0.37, 0.29, 0.00, 0.38
HSL	227°, 23%, 50%
HSV	227°, 37%, 62%
XYZ	17.1113, 16.7096, 34.6712
YIQ	113.3570, -22.5140, 11.5500

Conversions

Conversions Part 2

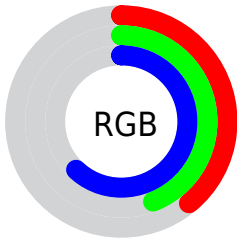
Format	Color
R_{YB}	99, 110, 158
Decimal	6516894
CIE _{Lab}	47.89, 6.93, -26.41
CIE _{LCh}	48, 27.309, 284.700
Yxy	16.7096, 0.2498, 0.2440
Android (android.graphics.Color)	4284706974 (0xFF63709E)
YUV	113.3570, 22.0090, -12.5911
Hunter-Lab	40.8774, 3.1848, -21.6741

Details

The Hex color **63709E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9E9163**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **98A4D5**, and **31406A** is the 20% darker color. If you saturate the color by 10%, you get **53649E**, and if you desaturate by 10%, it is **737C9E**.

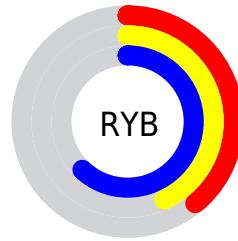
Distribution



Red (39%)

Green (44%)

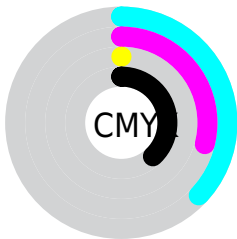
Blue (62%)



Red (39%)

Yellow (43%)

Blue (62%)

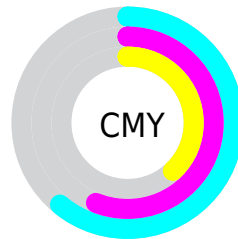


Cyan (37%)

Magenta (29%)

Yellow (0%)

Black (38%)



Cyan (61%)

Magenta (56%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63709E 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 63709E by changing the saturation by 10% instead.

■ 63709E

■ 63709E

FFFFFF

■ 4A5884

■ 98A4D5

■ 31406A

■ B3BFF1

■ 172B52

■ CFDAFF

■ 00173B

■ ECF7FF

■ 000225

■ 00010D

■ 000000

■ 63709E

■ 63709E

■ 53649E

■ 737C9E

■ 43579E

■ 83899E

■ 344B9E

■ 92959E

■ 243F9E

■ A2A19E

■ 14329E

■ B2AE9E

■ 04269E

■ C2BA9E

■ 00239E

■ D2C69E

■ E1D39E

■ F1DF9E

Harmonies

Analogous

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



3C779E



63709E



836893

Triad

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



63709E



9A6552



3F7D65

Complementary

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



63709E



9E9163

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.



5C7A50



63709E



8B6C45

Square

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



63709E



9F6067



767444



207E7D

Rectangle

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



63709E



926386



767444



497C5D

Sweetspot

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



63709E



B8BDCF



639E90



5B5E69



E8E8E8



696969

Same Dimension

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



63709E



7286CF



73639E



47494F



001F8F



00030F

Inverse Universe

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



9E6370



CF7286



8E9E63



4F4749



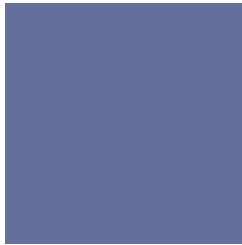
8F001F



0F0003

Previews

White Background



This preview shows how the Hex color 63709E looks on a white background.

Color Contrast Check

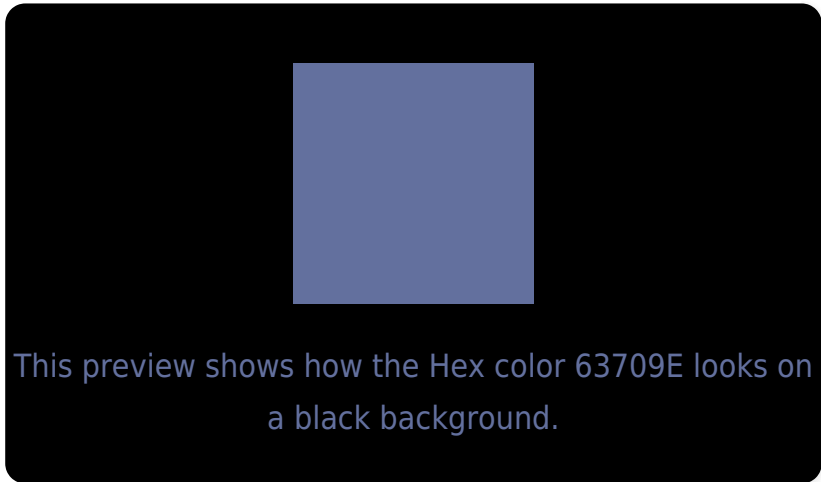
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

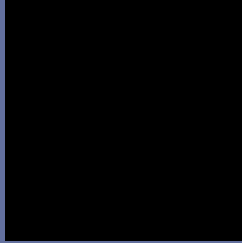
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

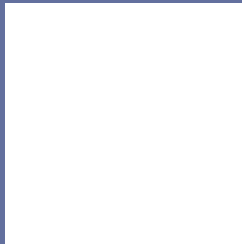
Any Text WCAG AAA × Fail

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

Hex 63709E Background



This preview shows how black text looks on a background with the Hex color 63709E.



This preview shows how white text looks on a background with the Hex color 63709E.

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
63709E

Protanopia
64709E

Deuteranopia
62709E



Tritanopia
5C767F

Trichromacy



Original Color
63709E

Protanomaly
64709E

Deuteranomaly
62709E

Tritanomaly
5F748A

Monochromacy



Original Color
63709E

Achromatopsia
717171

Achromatomaly
6C7181

CSS Examples

Text

The CSS property to change the color of the text to Hex 63709E 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 #63709E looks like.

```
.text, #text, p{  
    color:#63709E  
}
```

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 #63709E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63709E
}
```

Border

The CSS property to change the border of an element to Hex 63709E is called "border". The border property can be set on classes, ids or directly on the HTML element.

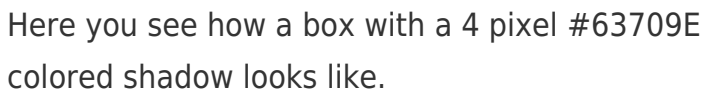
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63709E }
```

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

```
.border{ border-color:#63709E }
```

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



Here you see how a box with a 4 pixel #63709E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63709E; -webkit-box-shadow:4px 4px  
4px 4px #63709E; box-shadow:4px 4px 4px  
4px #63709E }
```

Background

The CSS property to change the background color of an element to Hex 63709E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63709E }
```

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

```
.background{ background-color:#63709E }
```

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