

Converting Colors

Hex(64809E)

Have a look what the booklet for
Hex(64809E) contains.

Hex(64809E)	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(64809E)

Conversions

Conversions Part 1

Format	Color
Hex	64809E
RGB	100, 128, 158
RGB Percent	39%, 50%, 62%
CMY	0.6078, 0.4980, 0.3804
CMYK	0.37, 0.19, 0.00, 0.38
HSL	211°, 23%, 51%
HSV	211°, 37%, 62%
XYZ	19.1463, 20.6163, 35.3180
YIQ	123.0480, -26.3180, 3.3940

Conversions

Conversions Part 2

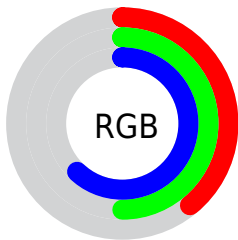
Format	Color
R_{YB}	100, 119, 158
Decimal	6586526
CIE _{Lab}	52.53, -2.27, -19.27
CIE _{LCh}	53, 19.401, 263.272
Y _{xy}	20.6163, 0.2550, 0.2746
Android (android.graphics.Color)	4284776606 (0xFF64809E)
YUV	123.0480, 17.2313, -20.2131
Hunter-Lab	45.4052, -4.1899, -14.3345

Details

The Hex color **64809E** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **9E8264**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **99B5D5**, and **324F6B** is the 20% darker color. If you saturate the color by 10%, you get **54789E**, and if you desaturate by 10%, it is **74889E**.

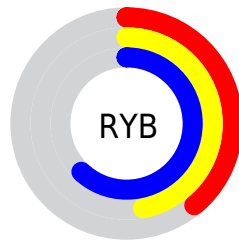
Distribution



Red (39%)

Green (50%)

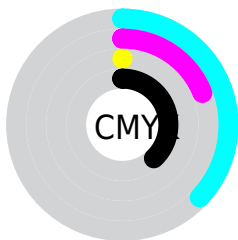
Blue (62%)



Red (39%)

Yellow (47%)

Blue (62%)

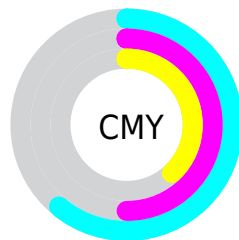


Cyan (37%)

Magenta (19%)

Yellow (0%)

Black (38%)



Cyan (61%)

Magenta (50%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64809E 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 64809E by changing the saturation by 10% instead.

■ 64809E

■ 64809E

FFFFFF

■ 4B6784

■ 99B5D5

■ 324F6B

■ B4D0F1

■ 183852

■ D0ECFF

■ 00233B

■ EDFFFF

■ 000D25

■ 00010F

■ 000000

■ 64809E

■ 64809E

■ 54789E

■ 74889E

44709E

84909E

35679E

93999E

255F9E

A3A19E

15579E

B3A99E

054F9E

C3B19E

004C9E

D3B99E

E2C19E

F2CA9E

Harmonies

Analogous

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



528497



64809E



7B7A9C

Triad

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



64809E



9F7271



698469

Complementary

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



64809E



9E8264

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.



7C805F



64809E



9A7663

Square

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



64809E



9C7282



8D7B5C



578779

Rectangle

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



64809E



897796



8D7B5C



6F8365

Sweetspot

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



64809E



B8C3CF



649E82



5B6269



E8E8E8



696969

Same Dimension

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



64809E



74A0CF



65649E



474B4F



00458F



00070F

Inverse Universe

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



9E6480



CF74A0



9D9E64



4F474B



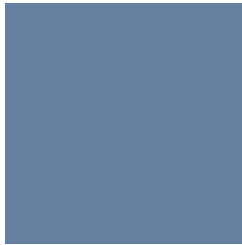
8F0045



0F0007

Previews

White Background



This preview shows how the Hex color 64809E looks on a white background.

Color Contrast Check

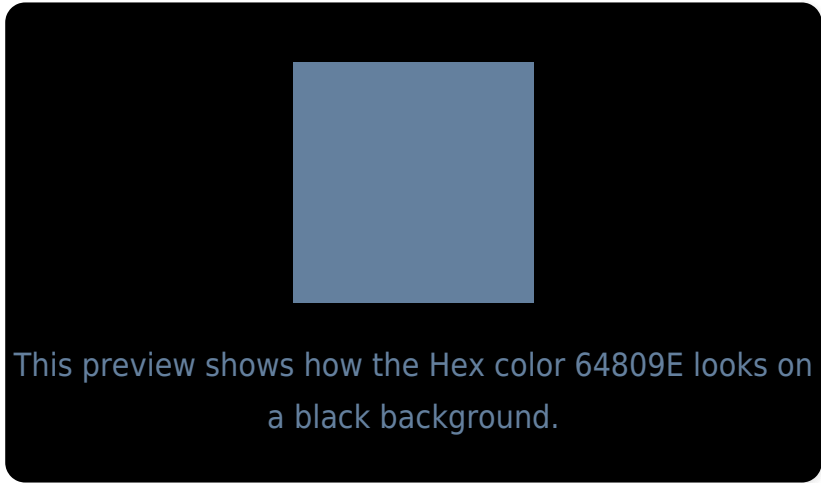
Large Text (above 18pt) WCAG AA ✓ Pass

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

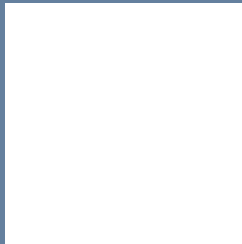
Any Text WCAG AAA × Fail

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

Hex 64809E Background



This preview shows how black text looks on a background with the Hex color 64809E.

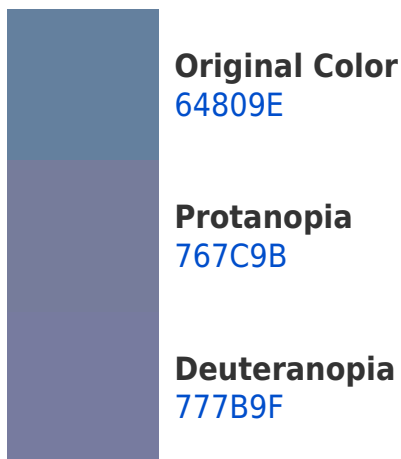



This preview shows how white text looks on a background with the Hex color 64809E.

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
60838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64809E 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 #64809E looks like.

```
.text, #text, p{  
    color:#64809E  
}
```

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 #64809E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64809E
}
```

Border

The CSS property to change the border of an element to Hex 64809E is called "border". The border property can be set on classes, ids or directly on the HTML element.

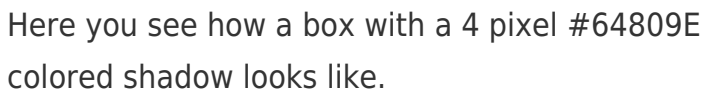
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64809E }
```

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

```
.border{ border-color:#64809E }
```

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



Here you see how a box with a 4 pixel #64809E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64809E; -webkit-box-shadow:4px 4px  
4px 4px #64809E; box-shadow:4px 4px 4px  
4px #64809E }
```

Background

The CSS property to change the background color of an element to Hex 64809E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64809E }
```

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

```
.background{ background-color:#64809E }
```

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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