

Converting Colors

Hex(64809B)

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

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Color

Hex(64809B)

Conversions

Conversions Part 1

Format	Color
Hex	64809B
RGB	100, 128, 155
RGB Percent	39%, 50%, 61%
CMY	0.6078, 0.4980, 0.3922
CMYK	0.35, 0.17, 0.00, 0.39
HSL	209°, 22%, 50%
HSV	209°, 35%, 61%
XYZ	18.8911, 20.5142, 33.9743
YIQ	122.7060, -25.3550, 2.4610

Conversions

Conversions Part 2

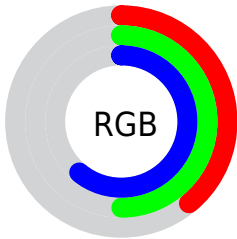
Format	Color
R_{YB}	100, 119, 155
Decimal	6586523
CIE _{Lab}	52.41, -3.09, -17.70
CIE _{LCh}	52, 17.966, 260.088
Y _{xy}	20.5142, 0.2574, 0.2796
Android (android.graphics.Color)	4284776603 (0xFF64809B)
YUV	122.7060, 15.9209, -19.9132
Hunter-Lab	45.2926, -4.8116, -12.7690

Details

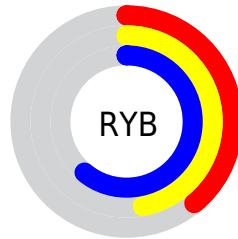
The Hex color **64809B** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **9B7F64**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **98B5D1**, and **324F68** is the 20% darker color. If you saturate the color by 10%, you get **55789B**, and if you desaturate by 10%, it is **74889B**.

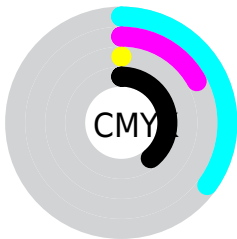
Distribution



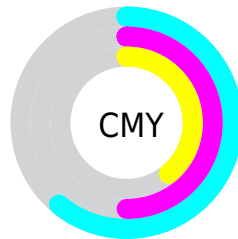
- Red (39%)
- Green (50%)
- Blue (61%)



- Red (39%)
- Yellow (47%)
- Blue (61%)



- Cyan (35%)
- Magenta (17%)
- Yellow (0%)
- Black (39%)



- Cyan (61%)
- Magenta (50%)
- Yellow (39%)

Brightness & Saturation Gradients

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

■ 64809B

■ 64809B

FFFFFF

■ 4B6781

■ 98B5D1

■ 324F68

■ B4D0EE

■ 193850

■ D0ECFF

■ 002339

■ ECFFFF

■ 000D23

■ 00000B

■ 000000

■ 64809B

■ 64809B

■ 55789B

■ 74889B

45719B

838F9B

36699B

93979B

26629B

A29E9B

175A9B

B2A69B

07529B

C1AE9B

004F9B

D1B59B

E0BD9B

F0C49B

Harmonies

Analogous

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



558494



64809B



797B9A

Triad

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



64809B



9D7273



6C8369

Complementary

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



64809B



9B7F64

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.



7E7F60



64809B



997566

Square

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



64809B



997283



8D7A5F



5C8577

Rectangle

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



64809B



867795



8D7A5F



728265

Sweetspot

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



64809B



B3BFC9



649B7F



595F66



E6E6E6



666666

Same Dimension

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



64809B



739FC9



64659B



45494D



00478C



00060D

Inverse Universe

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



9B6480



C9739F



9B9A64



4D4549



8C0047



0D0006

Previews

White Background



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

Color Contrast Check

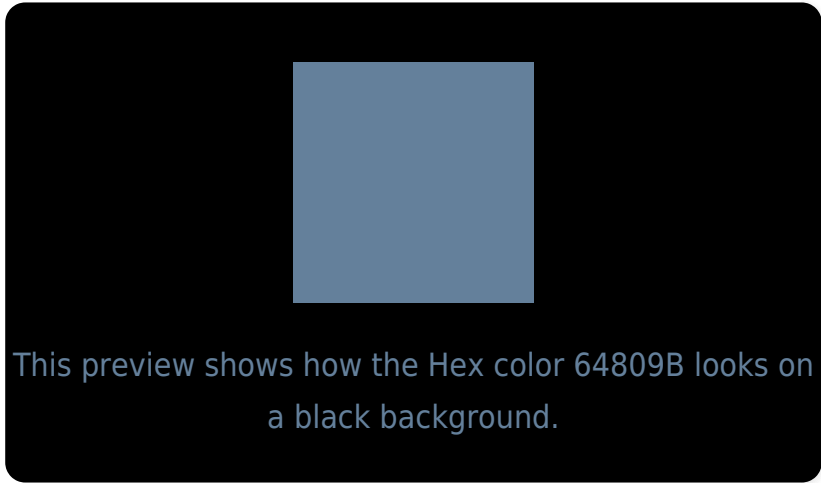
Large Text (above 18pt) WCAG AA ✓ Pass

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

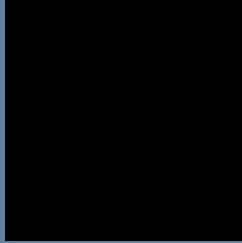
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

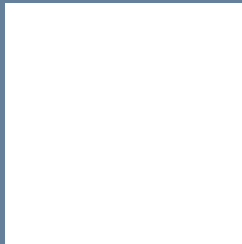
Any Text WCAG AAA × Fail

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

Hex 64809B Background



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



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

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
64809B

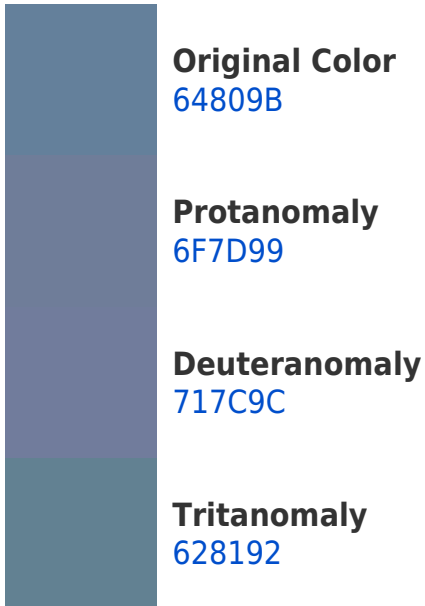
Protanopia
767C98

Deuteranopia
797A9C



Tritanopia
61828D

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #64809B colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 64809B 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
#64809B }
```

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

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

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

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

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

Background

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

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

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

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

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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