

Converting Colors

Hex(63759B)

Have a look what the booklet for
Hex(63759B) contains.

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Color

Hex(63759B)

Conversions

Conversions Part 1

Format	Color
Hex	63759B
RGB	99, 117, 155
RGB Percent	39%, 46%, 61%
CMY	0.6118, 0.5412, 0.3922
CMYK	0.36, 0.25, 0.00, 0.39
HSL	221°, 22%, 50%
HSV	221°, 36%, 61%
XYZ	17.4233, 17.7418, 33.5165
YIQ	115.9500, -22.9260, 8.0020

Conversions

Conversions Part 2

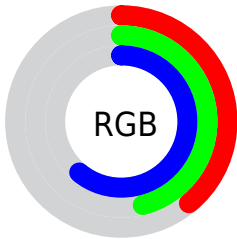
Format	Color
R_{YB}	99, 113, 155
Decimal	6518171
CIE _{Lab}	49.18, 3.08, -22.66
CIE _{LCh}	49, 22.866, 277.735
Yxy	17.7418, 0.2537, 0.2583
Android (android.graphics.Color)	4284708251 (0xFF63759B)
YUV	115.9500, 19.2516, -14.8652
Hunter-Lab	42.1210, 0.1244, -17.6936

Details

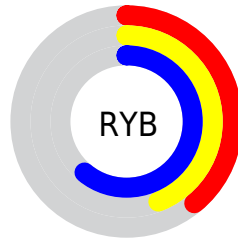
The Hex color **63759B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9B8963**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **97A9D2**, and **314568** is the 20% darker color. If you saturate the color by 10%, you get **546A9B**, and if you desaturate by 10%, it is **73809B**.

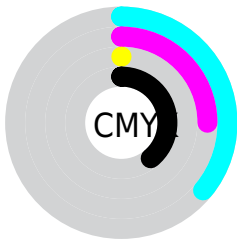
Distribution



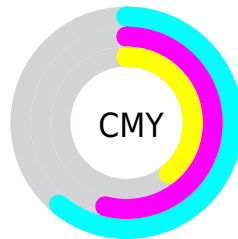
- Red (39%)
- Green (46%)
- Blue (61%)



- Red (39%)
- Yellow (44%)
- Blue (61%)



- Cyan (36%)
- Magenta (25%)
- Yellow (0%)
- Black (39%)



- Cyan (61%)
- Magenta (54%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63759B 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 63759B by changing the saturation by 10% instead.

■ 63759B

■ 63759B

FFFFFF

■ 4A5C81

■ 97A9D2

■ 314568

■ B3C4EE

■ 182F4F

■ CFE0FF

■ 001A38

■ EBFDFD

■ 000223

■ 00000A

■ 000000

■ 63759B

■ 63759B

■ 546A9B

■ 73809B

■ 44609B

■ 828A9B

■ 35559B

■ 92959B

■ 254B9B

■ A19F9B

■ 16409B

■ B1AA9B

■ 06369B

■ C0B49B

■ 00329B

■ D0BF9B

■ DFC99B

■ EFD49B

Harmonies

Analogous

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



477B98



63759B



7E6E94

Triad

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



63759B



9A695E



527E66

Complementary

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



63759B



9B8963

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.



687B56



63759B



8F6F51

Square

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



63759B



9B6670



7E754E



3E8079

Rectangle

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



63759B



8C6A8A



7E754E



597D60

Sweetspot

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



63759B



B3BAC9



639B88



595D66



E6E6E6



666666

Same Dimension

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



63759B



738FC9



6C639B



45474D



002D8C



00040D

Inverse Universe

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



9B6375



C9738F



929B63



4D4547



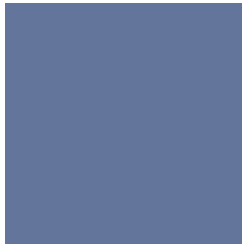
8C002D



0D0004

Previews

White Background



This preview shows how the Hex color 63759B looks on a white background.

Color Contrast Check

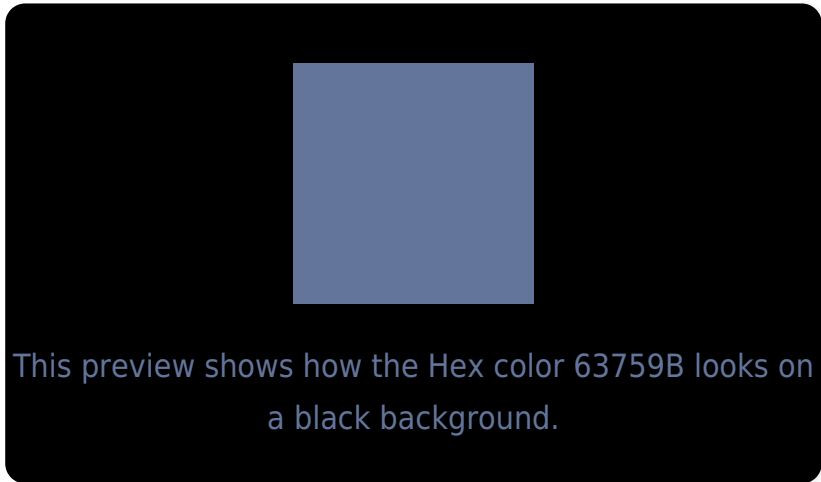
Large Text (above 18pt) WCAG AA ✓ Pass

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

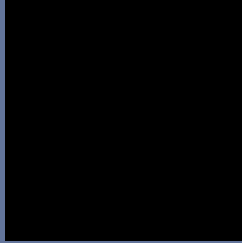
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

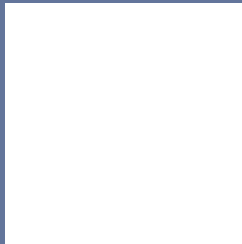
Any Text WCAG AAA × Fail

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

Hex 63759B Background



This preview shows how black text looks on a background with the Hex color 63759B.



This preview shows how white text looks on a background with the Hex color 63759B.

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
63759B

Protanopia
6A739A

Deuteranopia
6B739B



Tritanopia
5D7983

Trichromacy



Original Color
63759B

Protanomaly
67749A

Deuteranomaly
68749B

Tritanomaly
5F788C

Monochromacy



Original Color
63759B

Achromatopsia
747474

Achromatomaly
6E7482

CSS Examples

Text

The CSS property to change the color of the text to Hex 63759B 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 #63759B looks like.

```
.text, #text, p{  
    color:#63759B  
}
```

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 #63759B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63759B
}
```

Border

The CSS property to change the border of an element to Hex 63759B 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".

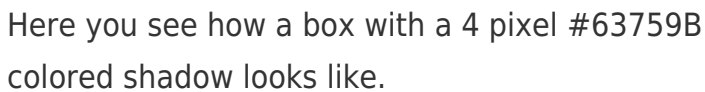
```
.border, #border, table{ border:4px solid
#63759B }
```

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

```
.border{ border-color:#63759B }
```

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

Here you see how a box with a 4 pixel #63759B colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63759B; -webkit-box-shadow:4px 4px  
4px 4px #63759B; box-shadow:4px 4px 4px  
4px #63759B }
```

Background

The CSS property to change the background color of an element to Hex 63759B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63759B }
```

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

```
.background{ background-color:#63759B }
```

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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