

Converting Colors

Hex(63759A)

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

| | |
|------------------------------------------------|----|
| Hex(63759A) | 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(63759A)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 63759A |
| RGB | 99, 117, 154 |
| RGB Percent | 39%, 46%, 60% |
| CMY | 0.6118, 0.5412, 0.3961 |
| CMYK | 0.36, 0.24, 0.00, 0.40 |
| HSL | 220°, 22%, 50% |
| HSV | 220°, 36%, 60% |
| XYZ | 17.3396, 17.7083, 33.0760 |
| YIQ | 115.8360, -22.6050, 7.6910 |

Conversions

Conversions Part 2

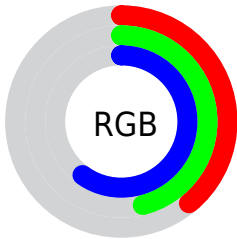
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 99, 113, 154 |
| Decimal | 6518170 |
| CIE _{Lab} | 49.14, 2.80, -22.13 |
| CIE _{LCh} | 49, 22.311, 277.207 |
| Yxy | 17.7083, 0.2545, 0.2599 |
| Android (android.graphics.Color) | 4284708250 (0xFF63759A) |
| YUV | 115.8360, 18.8149, -14.7652 |
| Hunter-Lab | 42.0813, -0.0911, -17.1452 |

Details

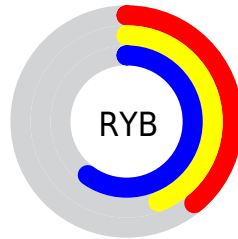
The Hex color **63759A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9A8863**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **97A9D1**, and **314567** is the 20% darker color. If you saturate the color by 10%, you get **546B9A**, and if you desaturate by 10%, it is **727F9A**.

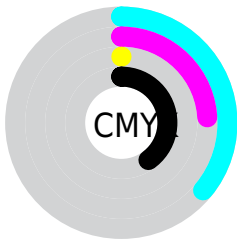
Distribution



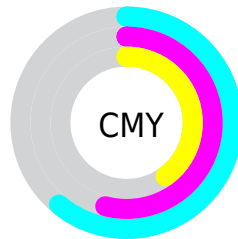
- Red (39%)
- Green (46%)
- Blue (60%)



- Red (39%)
- Yellow (44%)
- Blue (60%)



- Cyan (36%)
- Magenta (24%)
- Yellow (0%)
- Black (40%)



- Cyan (61%)
- Magenta (54%)
- Yellow (40%)

Brightness & Saturation Gradients

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

■ 63759A

■ 63759A

FFFFFF

■ 4A5C80

■ 97A9D1

■ 314567

■ B3C4ED

■ 182F4F

■ CEE0FF

■ 001A38

■ EBFDFD

■ 000222

■ 000008

■ 000000

■ 63759A

■ 63759A

■ 546B9A

■ 727F9A

■ 44609A

■ 828A9A

■ 35569A

■ 91949A

■ 254C9A

■ A19E9A

■ 16419A

■ B0A99A

■ 07379A

■ BFB39A

■ 00329A

■ CFBE9A

■ DEC89A

■ EED29A

Harmonies

Analogous

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



487B97



63759A



7D6E93

Triad

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



63759A



99695F



537E66

Complementary

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



63759A



9A8863

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.



697A56



63759A



8F6F52

Square

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



63759A



9A6771



7E754F



407F79

Rectangle

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



63759A



8B6A8A



7E754F



5A7D60

Sweetspot

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



63759A



B3BBC9



639A88



595D66



E6E6E6



666666

Same Dimension

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



63759A



738FC9



6C639A



45474D



002E8C



00040D

Inverse Universe

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



9A6375



C9738F



919A63



4D4547



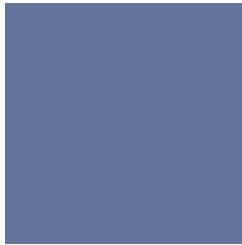
8C002E



0D0004

Previews

White Background



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

Color Contrast Check

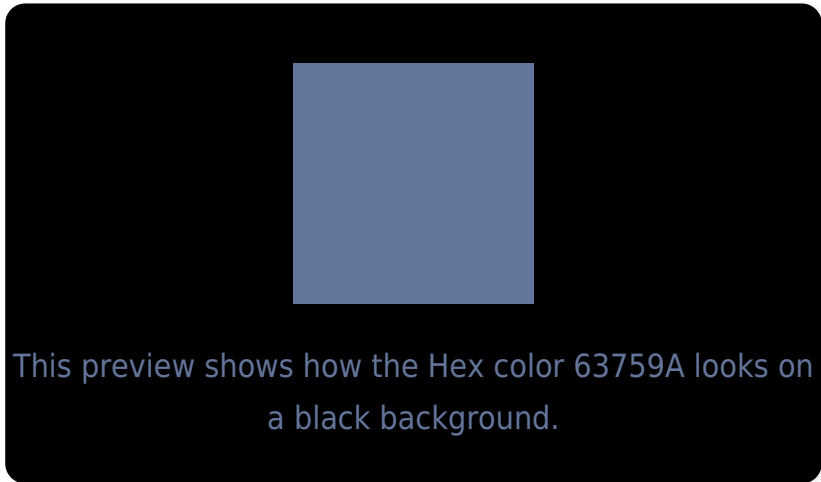
Large Text (above 18pt) WCAG AA ✓ Pass

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

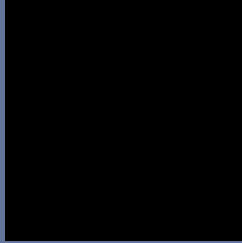
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

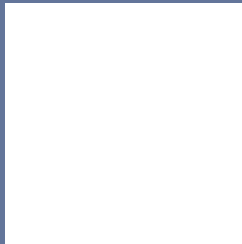
Any Text WCAG AAA × Fail

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

Hex 63759A Background



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



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

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
63759A

Protanopia
6A7399

Deuteranopia
6B739A



Tritanopia
5E7983

Trichromacy



Original Color
63759A

Protanomaly
677499

Deuteranomaly
68749A

Tritanomaly
60788B

Monochromacy



Original Color
63759A

Achromatopsia
747474

Achromatomaly
6E7482

CSS Examples

Text

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

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

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 #63759A colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 63759A 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
#63759A }
```

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

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

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

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

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

Background

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

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

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

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

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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