

# Converting Colors

Hex(59758D)

Have a look what the booklet for  
Hex(59758D) contains.

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# Color

Hex(59758D)

# Conversions

## Conversions Part 1

Format	Color
Hex	59758D
RGB	89, 117, 141
RGB Percent	35%, 46%, 55%
CMY	0.6510, 0.5412, 0.4471
CMYK	0.37, 0.17, 0.00, 0.45
HSL	208°, 23%, 45%
HSV	208°, 37%, 55%
XYZ	15.2888, 16.7695, 27.6303
YIQ	111.3640, -24.3920, 1.5280

# Conversions

## Conversions Part 2

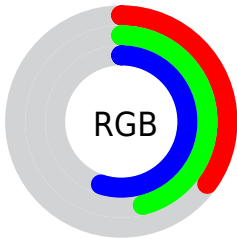
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 107, 141
Decimal	5862797
CIE <sub>Lab</sub>	47.97, -3.80, -16.33
CIE <sub>LCh</sub>	48, 16.767, 256.898
Yxy	16.7695, 0.2561, 0.2809
Android (android.graphics.Color)	4284052877 (0xFF59758D)
YUV	111.3640, 14.6105, -19.6132
Hunter-Lab	40.9506, -5.0209, -11.3389

# Details

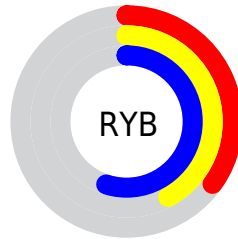
The Hex color **59758D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8D7159**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **8DA9C3**, and **28455B** is the 20% darker color. If you saturate the color by 10%, you get **4B6E8D**, and if you desaturate by 10%, it is **677C8D**.

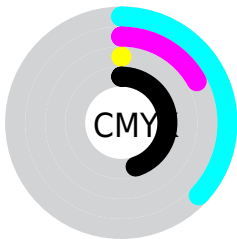
# Distribution



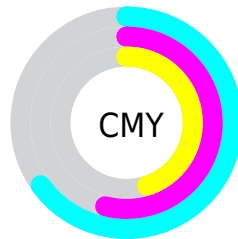
- Red (35%)
- Green (46%)
- Blue (55%)



- Red (35%)
- Yellow (42%)
- Blue (55%)



- Cyan (37%)
- Magenta (17%)
- Yellow (0%)
- Black (45%)



- Cyan (65%)
- Magenta (54%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59758D 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 59758D by changing the saturation by 10% instead.



■ 59758D

■ 59758D

FFFFFF

■ 405C73

■ 8DA9C3

■ 28455B

■ A8C4DF

■ 0E2F43

■ C3E0FB

■ 001A2D

■ E0DFF

■ 000119

■ FCFFF

■ 000000

■ 59758D

■ 59758D

■ 4B6E8D

■ 677C8D

■ 3D688D

■ 75828D

■ 2F618D

■ 83898D

■ 215B8D

■ 918F8D

■ 12548D

■ A0968D

■ 044E8D

■ AE9C8D

■ 004C8D

■ BCA38D

■ CAA98D

■ D8B08D

# Harmonies

## Analogous

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



4C7886



59758D



6C708D

# Triad

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



59758D



8F686A



64775E

# Complementary

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



59758D



8D7159

# 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.



747357



59758D



8C6A5E

# Square

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



59758D



8A6879



826F57



55796B

# Rectangle

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



59758D



786D88



826F57



69765B



# Sweetspot

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



59758D



A3AEB8



598D70



50565C



DBDBDB



5C5C5C



# Same Dimension

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



59758D



6792B8



595C8D



404447



004987



000408



# Inverse Universe

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



8D5975



B86792



8D8A59



474044



870049



080004



# Previews

## White Background



This preview shows how the Hex color 59758D looks on a white background.

## Color Contrast Check

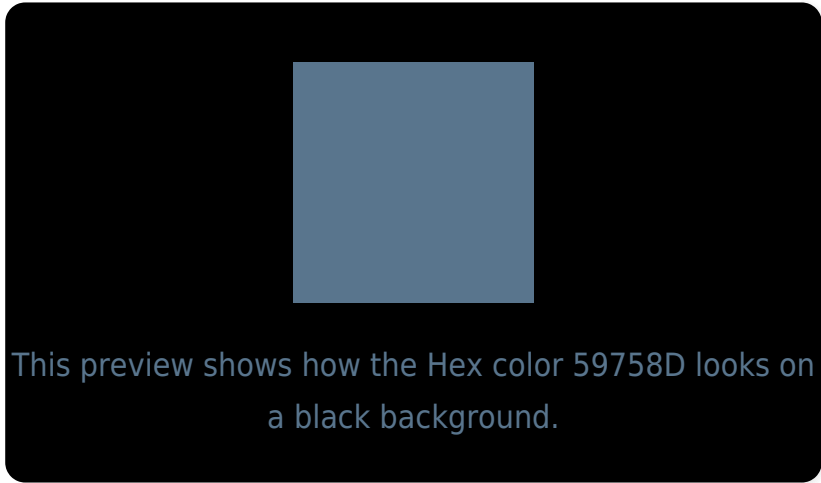
Large Text (above 18pt) WCAG AA ✓ Pass

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

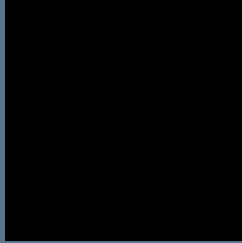
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

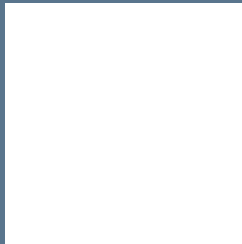
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 59758D Background



This preview shows how black text looks on a background with the Hex color 59758D.



This preview shows how white text looks on a background with the Hex color 59758D.

# 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**  
567781

# Trichromacy



**Original Color**  
59758D

**Protanomaly**  
65728B

**Deuteranomaly**  
66718E

**Tritanomaly**  
577685

# Monochromacy



**Original Color**  
59758D

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
67717A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59758D 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 #59758D looks like.

```
.text, #text, p{  
    color:#59758D  
}
```

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 #59758D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59758D
}
```

## Border

The CSS property to change the border of an element to Hex 59758D 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
#59758D }
```

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

```
.border{ border-color:#59758D }
```

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

Here you see how a box with a 4 pixel #59758D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59758D; -webkit-box-shadow:4px 4px  
4px 4px #59758D; box-shadow:4px 4px 4px  
4px #59758D }
```

# Background

The CSS property to change the background color of an element to Hex 59758D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59758D }
```

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

```
.background{ background-color:#59758D }
```

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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