

# Converting Colors

Hex(758899)

Have a look what the booklet for  
Hex(758899) contains.

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# Color

**Hex(758899)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	758899
RGB	117, 136, 153
RGB Percent	46%, 53%, 60%
CMY	0.5412, 0.4667, 0.4000
CMYK	0.24, 0.11, 0.00, 0.40
HSL	208°, 15%, 53%
HSV	208°, 24%, 60%
XYZ	21.8900, 23.6901, 33.5559
YIQ	132.2570, -16.7810, 1.2590

# Conversions

## Conversions Part 2

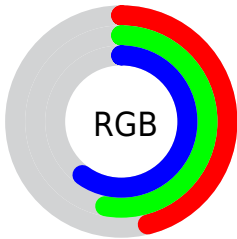
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 129, 153
Decimal	7702681
CIE <sub>Lab</sub>	55.78, -2.90, -11.34
CIE <sub>LCh</sub>	56, 11.705, 255.669
Yxy	23.6901, 0.2766, 0.2994
Android (android.graphics.Color)	4285892761 (0xFF758899)
YUV	132.2570, 10.2263, -13.3804
Hunter-Lab	48.6725, -4.8980, -6.8051

# Details

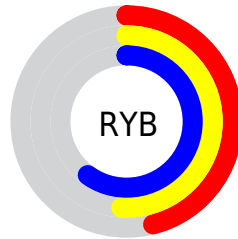
The Hex color **758899** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **998675**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **AABDCF**, and **445666** is the 20% darker color. If you saturate the color by 10%, you get **668199**, and if you desaturate by 10%, it is **848F99**.

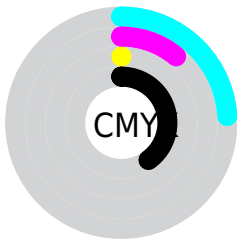
# Distribution



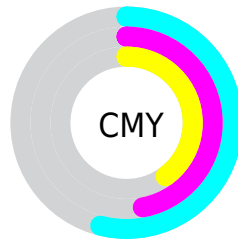
- Red (46%)
- Green (53%)
- Blue (60%)



- Red (46%)
- Yellow (51%)
- Blue (60%)



- Cyan (24%)
- Magenta (11%)
- Yellow (0%)
- Black (40%)



- Cyan (54%)
- Magenta (47%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 758899 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 758899 by changing the saturation by 10% instead.



■ 758899

■ 758899

FFFFFF

■ 5C6F7F

■ AABDCF

■ 445666

■ C5D9EC

■ 2D3F4E

■ E1F5FF

■ 162937

FEFFFF

■ 001522

■ 00000A

■ 000000

■ 758899

■ 758899

■ 668199

■ 848F99

■ 567A99

■ 949699

■ 477299

■ A39E99

■ 386B99

■ B2A599

■ 286499

■ C2AC99

■ 195D99

■ D1B399

■ 0A5599

■ E0BB99

■ 005199

■ EFC299

■ FFC999

# Harmonies

## Analogous

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



6D8A94



758899



818599

# Triad

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



758899



9B7F81



7C8A77

# Complementary

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



758899



998675

# 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.



888772



758899



998078

# Square

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



758899



977F8B



938372



728B80

# Rectangle

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



758899



8A8296



938372



808975



# Sweetspot

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



758899



B9C0C7



759986



5B6063



E3E3E3



636363



# Same Dimension

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



758899



8FADC7



757699



45494D



004A8C



00070D



# Inverse Universe

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



997588



C78FAD



999875



4D4549



8C004A

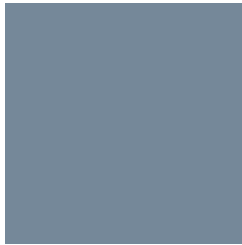


0D0007



# Previews

## White Background



This preview shows how the Hex color 758899 looks on a white background.

## Color Contrast Check

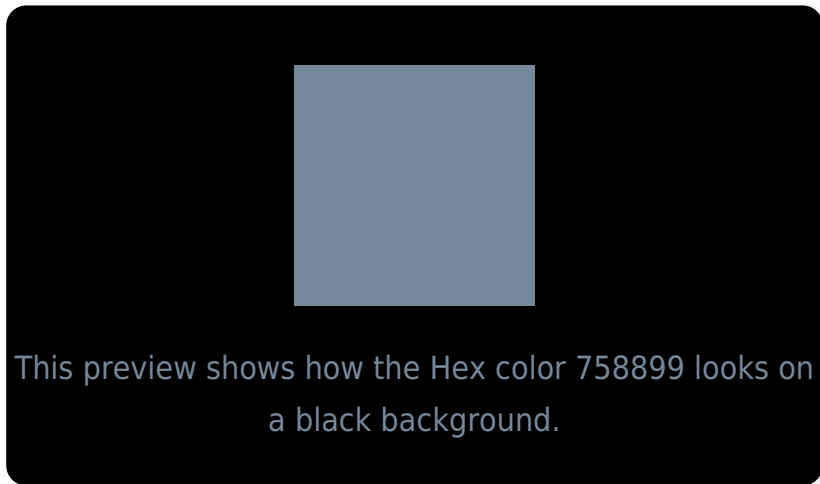
Large Text (above 18pt) WCAG AA ✓ Pass

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

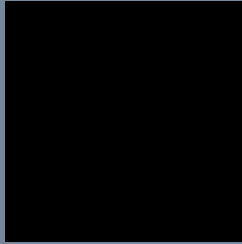
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

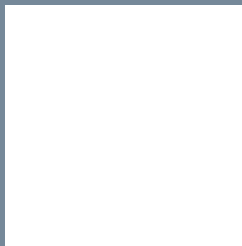
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 758899 Background



This preview shows how black text looks on a background with the Hex color 758899.



This preview shows how white text looks on a background with the Hex color 758899.

# 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**  
758899

**Protanopia**  
838497

**Deuteranopia**  
88829A



**Tritanopia**  
748994

# Trichromacy



**Original Color**  
758899

**Protanomaly**  
7E8598

**Deuteranomaly**  
81849A

**Tritanomaly**  
748996

# Monochromacy



**Original Color**  
758899

**Achromatopsia**  
848484

**Achromatomaly**  
7F858C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 758899 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 #758899 looks like.

```
.text, #text, p{  
    color:#758899  
}
```

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 #758899 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #758899
}
```

## Border

The CSS property to change the border of an element to Hex 758899 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
#758899 }
```

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

```
.border{ border-color:#758899 }
```

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

Here you see how a box with a 4 pixel #758899 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #758899; -webkit-box-shadow:4px 4px  
4px 4px #758899; box-shadow:4px 4px 4px  
4px #758899 }
```

# Background

The CSS property to change the background color of an element to Hex 758899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#758899 }
```

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

```
.background{ background-color:#758899 }
```

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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