

Converting Colors

Hex(758696)

Have a look what the booklet for
Hex(758696) contains.

Hex(758696)	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(758696)

Conversions

Conversions Part 1

Format	Color
Hex	758696
RGB	117, 134, 150
RGB Percent	46%, 53%, 59%
CMY	0.5412, 0.4745, 0.4118
CMYK	0.22, 0.11, 0.00, 0.41
HSL	209°, 14%, 52%
HSV	209°, 22%, 59%
XYZ	21.3662, 23.0341, 32.1741
YIQ	130.7410, -15.2680, 1.3720

Conversions

Conversions Part 2

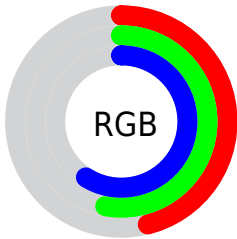
Format	Color
RYB	117, 128, 150
Decimal	7702166
CIELab	55.11, -2.48, -10.61
CIELCh	55, 10.899, 256.852
Yxy	23.0341, 0.2790, 0.3008
Android (android.graphics.Color)	4285892246 (0xFF758696)
YUV	130.7410, 9.4947, -12.0509
Hunter-Lab	47.9939, -4.5234, -6.1511

Details

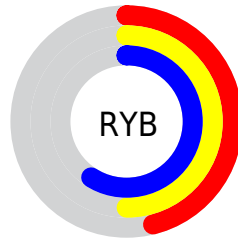
The Hex color **758696** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **968575**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **AABBCC**, and **445463** is the 20% darker color. If you saturate the color by 10%, you get **667F96**, and if you desaturate by 10%, it is **848D96**.

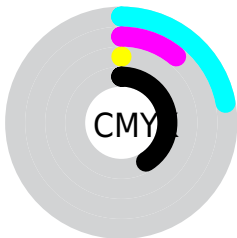
Distribution



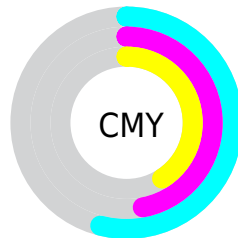
- Red (46%)
- Green (53%)
- Blue (59%)



- Red (46%)
- Yellow (50%)
- Blue (59%)



- Cyan (22%)
- Magenta (11%)
- Yellow (0%)
- Black (41%)



- Cyan (54%)
- Magenta (47%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 758696 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 758696 by changing the saturation by 10% instead.



758696



758696

FFFFFF



5C6D7C



AABBCC



445463



C5D7E8



2D3D4B



E1F3FF



172835

FEFFFF



00131F



000005



000000



758696



758696



667F96



848D96

577796

939596

487096

A29C96

396996

B1A396

2A6296

C0AA96

1B5A96

CFB296

0C5396

DEB996

004D96

EDC096

FCC796

Harmonies

Analogous

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



6D8891



758696



818396

Triad

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



758696



987E7F



7B8877

Complementary

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



758696



968575

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.



868572



758696



967F77

Square

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



758696



957E88



908272



71897F

Rectangle

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



758696



888193



908272



7F8775

Sweetspot

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



758696



B4BBC2



759685



595D61



E0E0E0



616161

Same Dimension

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



758696



8FA9C2



757696



43464A



00478A



00050A

Inverse Universe

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



967586



C28FA9



969575



4A4346



8A0047



0A0005

Previews

White Background



This preview shows how the Hex color 758696 looks on a white background.

Color Contrast Check

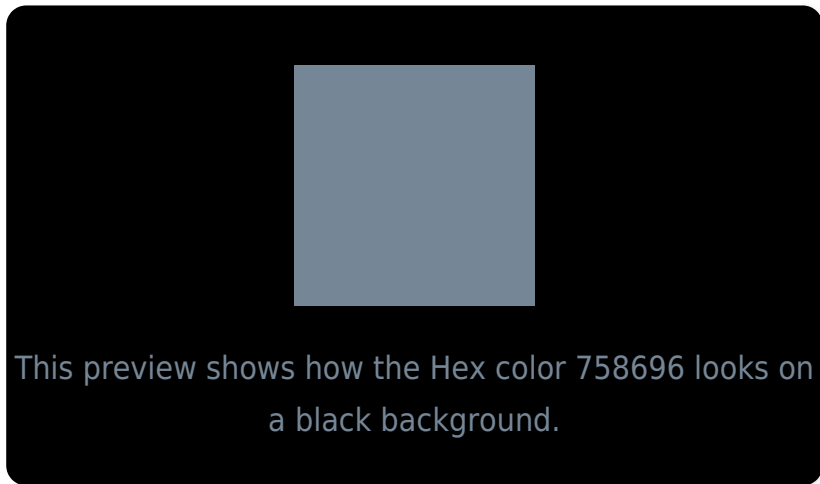
Large Text (above 18pt) WCAG AA ✓ Pass

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

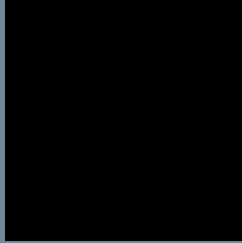
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

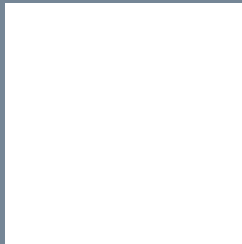
Any Text WCAG AAA × Fail

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

Hex 758696 Background



This preview shows how black text looks on a background with the Hex color 758696.

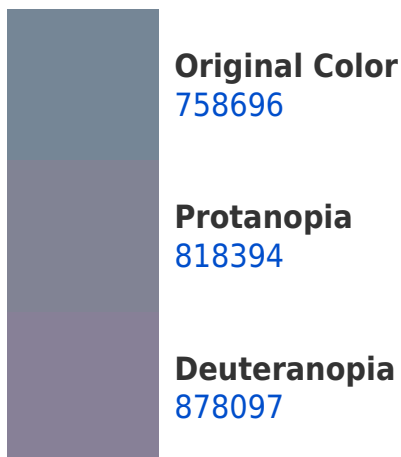


This preview shows how white text looks on a background with the Hex color 758696.

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
748791

Trichromacy



Original Color
758696

Protanomaly
7D8495

Deuteranomaly
808297

Tritanomaly
748793

Monochromacy



Original Color
758696

Achromatopsia
838383

Achromatomaly
7E848A

CSS Examples

Text

The CSS property to change the color of the text to Hex 758696 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 #758696 looks like.

```
.text, #text, p{  
    color:#758696  
}
```

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 #758696 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #758696
}
```

Border

The CSS property to change the border of an element to Hex 758696 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
#758696 }
```

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

```
.border{ border-color:#758696 }
```

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

Here you see how a box with a 4 pixel #758696 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #758696; -webkit-box-shadow:4px 4px  
4px 4px #758696; box-shadow:4px 4px 4px  
4px #758696 }
```

Background

The CSS property to change the background color of an element to Hex 758696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#758696 }
```

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

```
.background{ background-color:#758696 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor