

Converting Colors

Hex(758AA6)

Have a look what the booklet for
Hex(758AA6) contains.

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Color

Hex(758AA6)

Conversions

Conversions Part 1

Format	Color
Hex	758AA6
RGB	117, 138, 166
RGB Percent	46%, 54%, 65%
CMY	0.5412, 0.4588, 0.3490
CMYK	0.30, 0.17, 0.00, 0.35
HSL	214°, 22%, 55%
HSV	214°, 30%, 65%
XYZ	23.3075, 24.7120, 39.6179
YIQ	134.9130, -21.5040, 4.2560

Conversions

Conversions Part 2

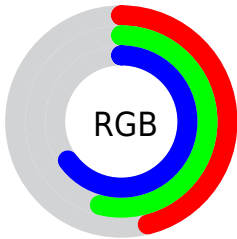
Format	Color
R_{YB}	117, 132, 166
Decimal	7703206
CIE _{Lab}	56.79, -0.81, -17.28
CIE _{LCh}	57, 17.294, 267.329
Yxy	24.7120, 0.2660, 0.2820
Android (android.graphics.Color)	4285893286 (0xFF758AA6)
YUV	134.9130, 15.3259, -15.7097
Hunter-Lab	49.7112, -3.3033, -12.4539

Details

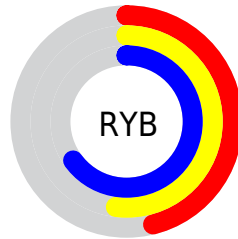
The Hex color **758AA6** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A69175**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **AABFDD**, and **435872** is the 20% darker color. If you saturate the color by 10%, you get **6481A6**, and if you desaturate by 10%, it is **8693A6**.

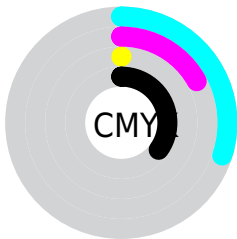
Distribution



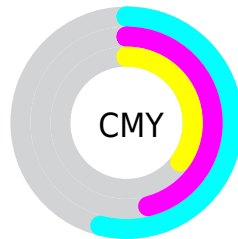
- Red (46%)
- Green (54%)
- Blue (65%)



- Red (46%)
- Yellow (52%)
- Blue (65%)



- Cyan (30%)
- Magenta (17%)
- Yellow (0%)
- Black (35%)



- Cyan (54%)
- Magenta (46%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 758AA6 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 758AA6 by changing the saturation by 10% instead.



758AA6



758AA6

FFFFFF



5C718C



AABFDD



435872



C6DBFA



2B4159



E2F8FF



132B42



00172C



000117



000000



758AA6



758AA6



6481A6



8693A6

■ 5477A6

■ 969DA6

■ 436EA6

■ A7A6A6

■ 3364A6

■ B7B0A6

■ 225BA6

■ C8B9A6

■ 1151A6

■ D9C3A6

■ 0148A6

■ E9CCA6

■ 0047A6

■ FAD6A6

■ FFDA6

Harmonies

Analogous

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



658EA1



758AA6



8985A3

Triad

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



758AA6



A77E7B



748F78

Complementary

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



758AA6



A69175

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.



858C6D



758AA6



A1826F

Square

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



758AA6



A57E8A



95876A



659186

Rectangle

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



758AA6



95829D



95876A



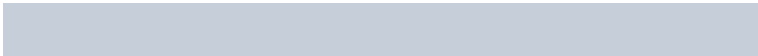
798E74

Sweetspot

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



758AA6



C5CED9



75A691



62676E



EDEDED



6E6E6E

Same Dimension

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



758AA6



8DADD9



7875A6



4C4F54



003F94



000914

Inverse Universe

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



A6758A



D98DAD



A3A675



544C4F



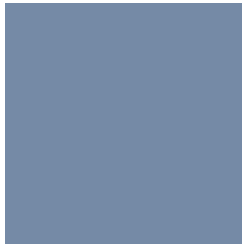
94003F



140009

Previews

White Background



This preview shows how the Hex color 758AA6 looks on a white background.

Color Contrast Check

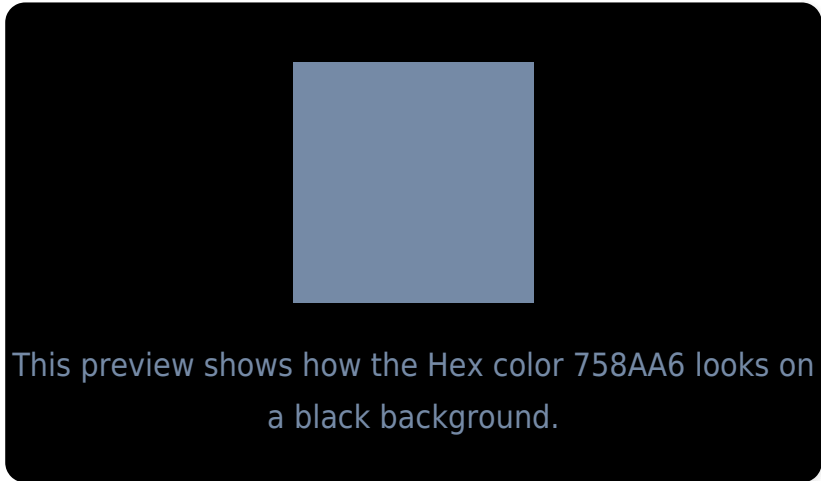
Large Text (above 18pt) WCAG AA ✓ Pass

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

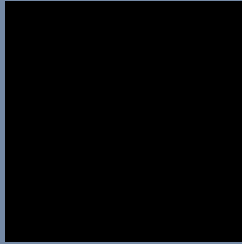
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

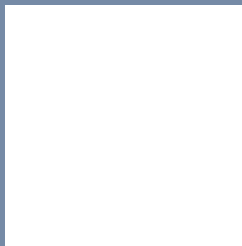
Any Text WCAG AAA × Fail

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

Hex 758AA6 Background



This preview shows how black text looks on a background with the Hex color 758AA6.

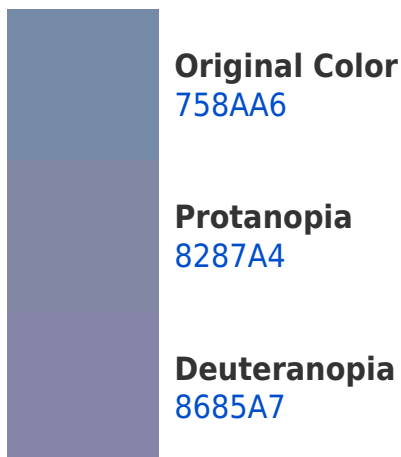


This preview shows how white text looks on a background with the Hex color 758AA6.

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
728C98

Trichromacy



Original Color
758AA6

Protanomaly
7D88A5

Deuteranomaly
8087A7

Tritanomaly
738B9D

Monochromacy



Original Color
758AA6

Achromatopsia
878787

Achromatomaly
808892

CSS Examples

Text

The CSS property to change the color of the text to Hex 758AA6 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 #758AA6 looks like.

```
.text, #text, p{  
    color:#758AA6  
}
```

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 #758AA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #758AA6
}
```

Border

The CSS property to change the border of an element to Hex 758AA6 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
#758AA6 }
```

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

```
.border{ border-color:#758AA6 }
```

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

Here you see how a box with a 4 pixel #758AA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #758AA6; -webkit-box-shadow:4px 4px  
4px 4px #758AA6; box-shadow:4px 4px 4px  
4px #758AA6 }
```

Background

The CSS property to change the background color of an element to Hex 758AA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#758AA6 }
```

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

```
.background{ background-color:#758AA6 }
```

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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