

# Converting Colors

Hex(758A8A)

Have a look what the booklet for  
Hex(758A8A) contains.

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# Color

**Hex(758A8A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	758A8A
RGB	117, 138, 138
RGB Percent	46%, 54%, 54%
CMY	0.5412, 0.4588, 0.4588
CMYK	0.15, 0.00, 0.00, 0.46
HSL	180°, 8%, 50%
HSV	180°, 15%, 54%
XYZ	21.0120, 23.7938, 27.5300
YIQ	131.7210, -12.5160, -4.4520

# Conversions

## Conversions Part 2

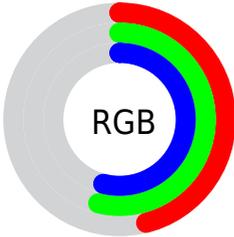
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 128, 138
Decimal	7703178
CIELab	55.88, -7.50, -2.53
CIELCh	56, 7.919, 198.671
Yxy	23.7938, 0.2905, 0.3289
Android (android.graphics.Color)	4285893258 (0xFF758A8A)
YUV	131.7210, 3.0955, -12.9103
Hunter-Lab	48.7789, -8.4724, 0.6830

# Details

The Hex color `758A8A` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `8A7575`, and the grayscale version is `848484`.

A 20% lighter version of the original color is `A9BFBF`, and `445858` is the 20% darker color. If you saturate the color by 10%, you get `678A8A`, and if you desaturate by 10%, it is `838A8A`.

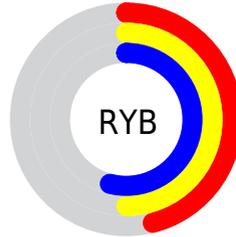
# Distribution



Red (46%)

Green (54%)

Blue (54%)



Red (46%)

Yellow (50%)

Blue (54%)

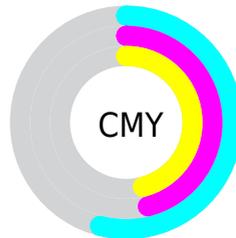


Cyan (15%)

Magenta (0%)

Yellow (0%)

Black (46%)



Cyan (54%)

Magenta (46%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 758A8A 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 758A8A by changing the saturation by 10% instead.





758A8A



758A8A

FFFFFF



5C7171



A9BFBF



445858



C5DBDB



2E4141



E1F8F8



182B2B



FDFDFD



001716



000000



758A8A



758A8A



678A8A



838A8A



598A8A



918A8A

4C8A8A

9E8A8A

3E8A8A

AC8A8A

308A8A

BA8A8A

228A8A

C88A8A

148A8A

D68A8A

078A8A

E38A8A

008A8A

F18A8A

# Harmonies

## Analogous

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



788A83



758A8A



768990

# Triad

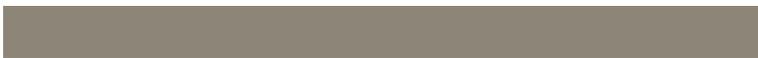
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



758A8A



8C838F



8E8579

# Complementary

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



758A8A



8A7575

# 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.



93837C



758A8A



928289

# Square

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



758A8A



848593



958182



878779

# Rectangle

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



758A8A



7A8892



958182



908479



# Sweetspot

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



758A8A



AAB3B3



758A75



545959



D9D9D9



595959



# Same Dimension

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



758A8A



92B3B3



757F8A



3E4545



008585



000505



# Inverse Universe

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



8A758A



B392B3



8A7F75



453E45



850085



050005



# Previews

## White Background



This preview shows how the Hex color 758A8A looks on a white background.

## Color Contrast Check

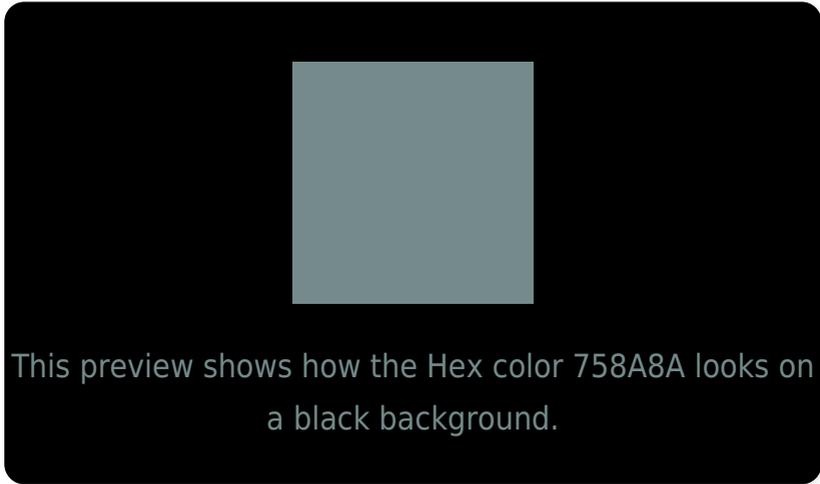
Large Text (above 18pt) WCAG AA ✓ Pass

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

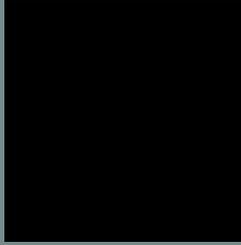
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

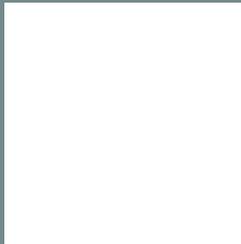
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 758A8A Background



This preview shows how black text looks on a background with the Hex color 758A8A.



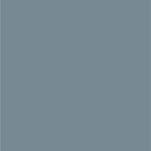
This preview shows how white text looks on a background with the Hex color 758A8A.

# 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**  
778993

# Trichromacy



**Original Color**

758A8A

**Protanomaly**

818788

**Deuteranomaly**

86858B

**Tritanomaly**

768990

# Monochromacy



**Original Color**

758A8A

**Achromatopsia**

848484

**Achromatomaly**

7F8686

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 758A8A 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 #758A8A looks like.

```
.text, #text, p{  
    color:#758A8A  
}
```

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 #758A8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #758A8A
}
```

## Border

The CSS property to change the border of an element to Hex 758A8A 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
#758A8A }
```

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

```
.border{ border-color:#758A8A }
```

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

Here you see how a box with a 4 pixel #758A8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #758A8A; -webkit-box-shadow:4px 4px  
4px 4px #758A8A; box-shadow:4px 4px 4px  
4px #758A8A }
```

# Background

The CSS property to change the background color of an element to Hex 758A8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#758A8A }
```

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

```
.background{ background-color:#758A8A }
```

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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