

# Converting Colors

Hex(758A85)

Have a look what the booklet for  
Hex(758A85) contains.

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# Color

**Hex(758A85)**

# Conversions

Conversions Part 1	
Format	Color
Hex	758A85
RGB	117, 138, 133
RGB Percent	46%, 54%, 52%
CMY	0.5412, 0.4588, 0.4784
CMYK	0.15, 0.00, 0.04, 0.46
HSL	166°, 8%, 50%
HSV	166°, 15%, 54%
XYZ	20.6582, 23.6523, 25.6669
YIQ	131.1510, -10.9110, -6.0070

# Conversions

## Conversions Part 2

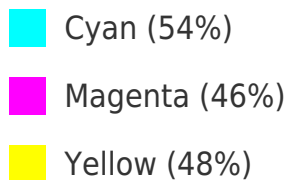
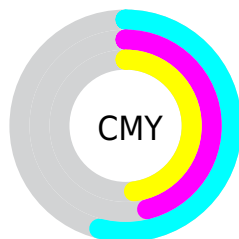
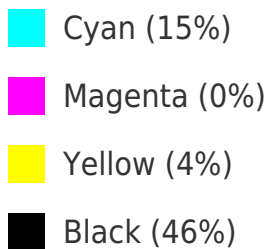
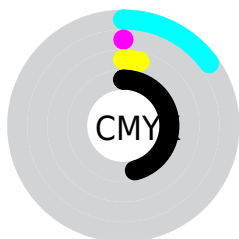
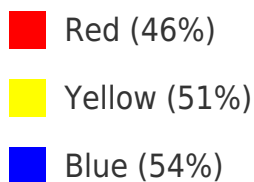
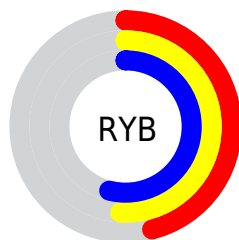
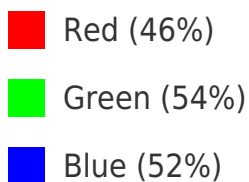
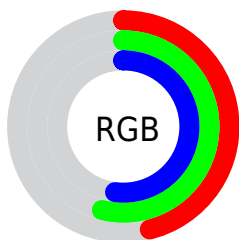
Format	Color
<a href="#">RYB</a>	<a href="#">117, 129, 138</a>
Decimal	<a href="#">7703173</a>
CIELab	<a href="#">55.74, -8.59, 0.14</a>
CIELCh	<a href="#">56, 8.594, 179.076</a>
Yxy	<a href="#">23.6523, 0.2952, 0.3380</a>
Android (android.graphics.Color)	<a href="#">4285893253</a> (0xFF758A85)
YUV	<a href="#">131.1510, 0.9116, -12.4104</a>
Hunter-Lab	<a href="#">48.6337, -9.2870, 2.7527</a>

# Details

The Hex color **758A85** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8A757A**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **A9BFBA**, and **445854** is the 20% darker color. If you saturate the color by 10%, you get **678A82**, and if you desaturate by 10%, it is **838A88**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 758A85 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 758A85 by changing the saturation by 10% instead.





758A85



758A85

FFFFFF



5C716C



A9BFBA



445854



C5DBD6



2E413D



E1F8F2



182B27

FDFFFF



001712



000000



758A85



758A85



678A82



838A88



598A7E



918A8C

 4C8A7B

 9E8A8F

 3E8A78

 AC8A92

 308A75

 BA8A95

 228A71

 C88A99

 148A6E

 D68A9C

 078A6B

 E38A9F

 008A69

 F18AA3

# Harmonies

## Analogous

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



7B897E



758A85



738A8C

# Triad

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



758A85



878493



938379

# Complementary

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



758A85



8A757A

# 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.



96817F



758A85



8F828D

# Square

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



758A85



7E8694



958186



8C8577

# Rectangle

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



758A85



748990



958186



94827B



# Sweetspot

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



758A85



AAB3B0



7A8A75



545958



D9D9D9



595959



# Same Dimension

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



758A85



92B3AB



75858A



3E4543



008565



000504



# Inverse Universe

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



8A757A



B3929A



8A7A75



453E40



850020



050001



# Previews

## White Background



This preview shows how the Hex color 758A85 looks on a white background.

## Color Contrast Check

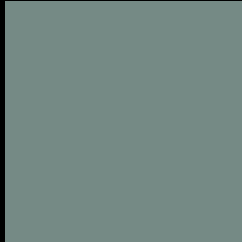
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color 758A85 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

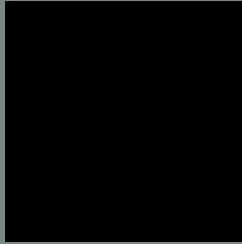
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

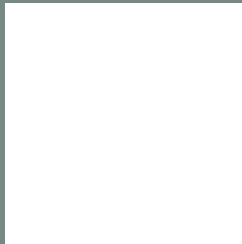
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 758A85 Background



This preview shows how black text looks on a background with the Hex color 758A85.



This preview shows how white text looks on a background with the Hex color 758A85.

# 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**

[758A85](#)

**Protanopia**

[888582](#)

**Deuteranopia**



[918187](#)






# Tritanopia

778893

# Trichromacy

	<b>Original Color</b> 758A85
	<b>Protanomaly</b> 818783
	<b>Deuteranomaly</b> 878486
	<b>Tritanomaly</b> 76898E

# Monochromacy

	<b>Original Color</b> 758A85
	<b>Achromatopsia</b> 838383
	<b>Achromatomaly</b> 7E8684

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 758A85 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 #758A85 looks like.

```
.text, #text, p{  
    color:#758A85  
}
```

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 #758A85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #758A85
}
```

## Border

The CSS property to change the border of an element to Hex 758A85 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
#758A85 }
```

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

```
.border{ border-color:#758A85 }
```

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

Here you see how a box with a 4 pixel #758A85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #758A85; -webkit-box-shadow:4px 4px  
4px 4px #758A85; box-shadow:4px 4px 4px  
4px #758A85 }
```

# Background

The CSS property to change the background color of an element to Hex 758A85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#758A85 }
```

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

```
.background{ background-color:#758A85 }
```

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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