

# Converting Colors

Hex(7F758E)

Have a look what the booklet for  
Hex(7F758E) contains.

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# Color

**Hex(7F758E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F758E
RGB	127, 117, 142
RGB Percent	50%, 46%, 56%
CMY	0.5020, 0.5412, 0.4431
CMYK	0.11, 0.18, 0.00, 0.44
HSL	264°, 10%, 51%
HSV	264°, 18%, 56%
XYZ	19.9962, 19.1876, 28.2409
YIQ	122.8400, -2.0650, 9.8950

# Conversions

## Conversions Part 2

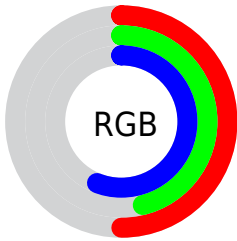
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 117, 142
Decimal	8353166
CIE <sub>Lab</sub>	50.91, 8.99, -12.19
CIE <sub>LCh</sub>	51, 15.147, 306.400
Yxy	19.1876, 0.2966, 0.2846
Android (android.graphics.Color)	4286543246 (0xFF7F758E)
YUV	122.8400, 9.4459, 3.6483
Hunter-Lab	43.8037, 4.8281, -7.5626

# Details

The Hex color **7F758E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **848E75**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B4A9C4**, and **4E455C** is the 20% darker color. If you saturate the color by 10%, you get **76678E**, and if you desaturate by 10%, it is **88838E**.

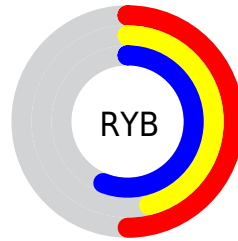
# Distribution



Red (50%)

Green (46%)

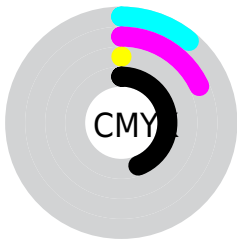
Blue (56%)



Red (50%)

Yellow (46%)

Blue (56%)

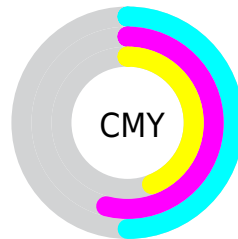


Cyan (11%)

Magenta (18%)

Yellow (0%)

Black (44%)



Cyan (50%)

Magenta (54%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F758E 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 7F758E by changing the saturation by 10% instead.



■ 7F758E

■ 7F758E

FFFFFF

■ 665C74

■ B4A9C4

■ 4E455C

■ CFC4E0

■ 372F44

■ ECE0FC

■ 211A2E

■ FFFDFD

■ 0D001A

■ 000000

■ 7F758E

■ 7F758E

■ 76678E

■ 88838E

■ 6E598E

■ 90918E

654A8E

99A08E

5D3C8E

A1AE8E

542E8E

AABC8E

4C208E

B2CA8E

43128E

BBD88E

3B038E

C3E78E

39008E

CCF58E

# Harmonies

## Analogous

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



6E7993



7F758E



8C7184

# Triad

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



7F758E



8C7562



59817C

# Complementary

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



7F758E



848E75

# 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.



64806E



7F758E



807960

# Square

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



7F758E



93716A



727D64



568088

# Rectangle

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



7F758E



92707B



727D64



5C8177



# Sweetspot

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



7F758E



B2AEB8



75848E



58565C



DBDBDB



5C5C5C



# Same Dimension

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



7F758E



A091B8



8C758E



434047



360087



030008



# Inverse Universe

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



8E7584



B891A8



788E75



474045



870051



080005



# Previews

## White Background



This preview shows how the Hex color 7F758E looks on a white background.

## Color Contrast Check

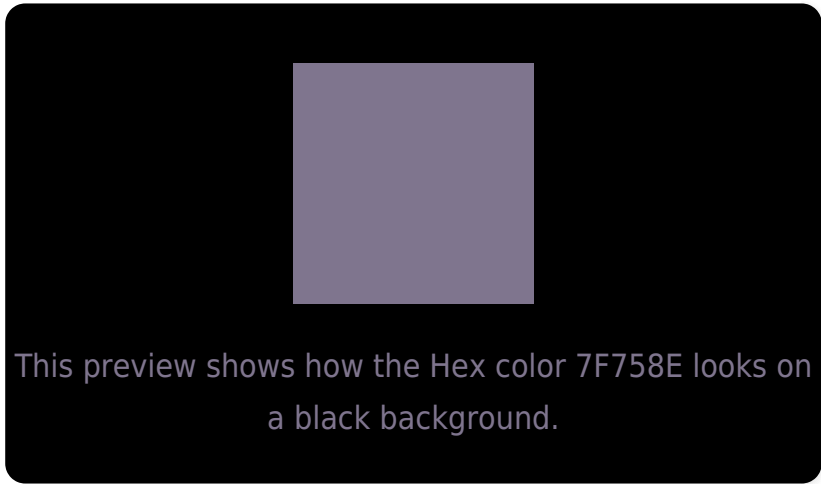
Large Text (above 18pt) WCAG AA ✓ Pass

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

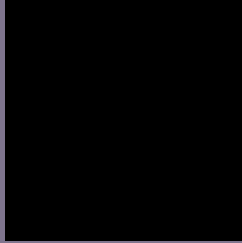
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7F758E Background



This preview shows how black text looks on a background with the Hex color 7F758E.



This preview shows how white text looks on a background with the Hex color 7F758E.

# 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**  
7F758E

**Protanopia**  
747890

**Deuteranopia**  
7B768E



**Tritanopia**  
7D7781

# Trichromacy



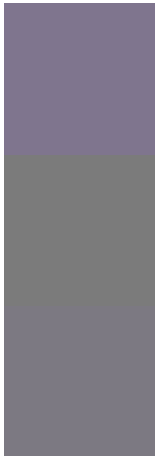
**Original Color**  
7F758E

**Protanomaly**  
78778F

**Deuteranomaly**  
7C768E

**Tritanomaly**  
7E7686

# Monochromacy



**Original Color**  
7F758E

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7C7982

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F758E 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 #7F758E looks like.

```
.text, #text, p{  
    color:#7F758E  
}
```

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 #7F758E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F758E
}
```

## Border

The CSS property to change the border of an element to Hex 7F758E 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
#7F758E }
```

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

```
.border{ border-color:#7F758E }
```

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

Here you see how a box with a 4 pixel #7F758E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F758E; -webkit-box-shadow:4px 4px  
4px 4px #7F758E; box-shadow:4px 4px 4px  
4px #7F758E }
```

# Background

The CSS property to change the background color of an element to Hex 7F758E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F758E }
```

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

```
.background{ background-color:#7F758E }
```

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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