

# Converting Colors

Hex(788B7F)

Have a look what the booklet for  
Hex(788B7F) contains.

<b>Hex(788B7F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(788B7F)

# Conversions

## Conversions Part 1

Format	Color
Hex	788B7F
RGB	120, 139, 127
RGB Percent	47%, 55%, 50%
CMY	0.5294, 0.4549, 0.5020
CMYK	0.14, 0.00, 0.09, 0.45
HSL	142°, 8%, 51%
HSV	142°, 14%, 55%
XYZ	20.8091, 23.9906, 23.6126
YIQ	131.9510, -7.4720, -7.7600

# Conversions

## Conversions Part 2

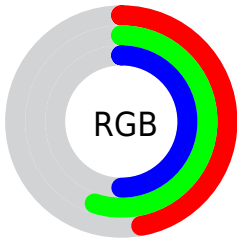
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 134, 139
Decimal	7900031
CIE <sub>Lab</sub>	56.08, -9.33, 4.11
CIE <sub>LCh</sub>	56, 10.197, 156.207
Yxy	23.9906, 0.3042, 0.3507
Android (android.graphics.Color)	4286090111 (0xFF788B7F)
YUV	131.9510, -2.4408, -10.4810
Hunter-Lab	48.9802, -9.8801, 5.7034

# Details

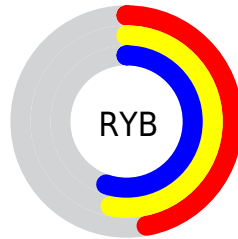
The Hex color **788B7F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8B7884**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **ACC1B4**, and **47594E** is the 20% darker color. If you saturate the color by 10%, you get **6A8B76**, and if you desaturate by 10%, it is **868B88**.

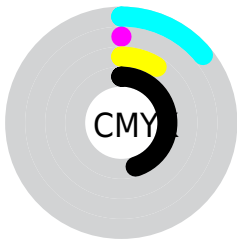
# Distribution



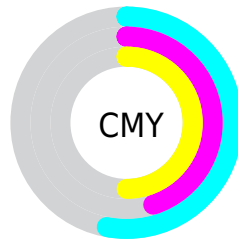
- Red (47%)
- Green (55%)
- Blue (50%)



- Red (47%)
- Yellow (53%)
- Blue (55%)



- Cyan (14%)
- Magenta (0%)
- Yellow (9%)
- Black (45%)



- Cyan (53%)
- Magenta (45%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 788B7F 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 788B7F by changing the saturation by 10% instead.





788B7F



788B7F

FFFFFF



5F7266



ACC1B4



47594E



C8DCCF



314237



E4F9EB



1B2B22



03170C



000000



788B7F



788B7F



6A8B76



868B88



5C8B6D



948B91

 4E8B65

 A28B99

 408B5C

 B08BA2

 338B53

 BD8BAB

 258B4A

 CB8BB4

 178B42

 D98BBC

 098B39

 E78BC5

 008B33

 F58BCE

# Harmonies

## Analogous

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



828978



788B7F



718C88

# Triad

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



788B7F



7F8798



99817C

# Complementary

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



788B7F



8B7884

# 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.



998085



788B7F



8A8495

# Square

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



788B7F



758996



94818E



948376

# Rectangle

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



788B7F



708B8E



94818E



99817F



# Sweetspot

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



788B7F



AEB5B0



848B78



575C59



DBDBDB



5C5C5C



# Same Dimension

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



788B7F



98B5A3



788B88



3E4541



008531



000502



# Inverse Universe

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



8B7884



B598AA



8B787B



453E42



850054



050003



# Previews

## White Background



This preview shows how the Hex color 788B7F looks on a white background.

## Color Contrast Check

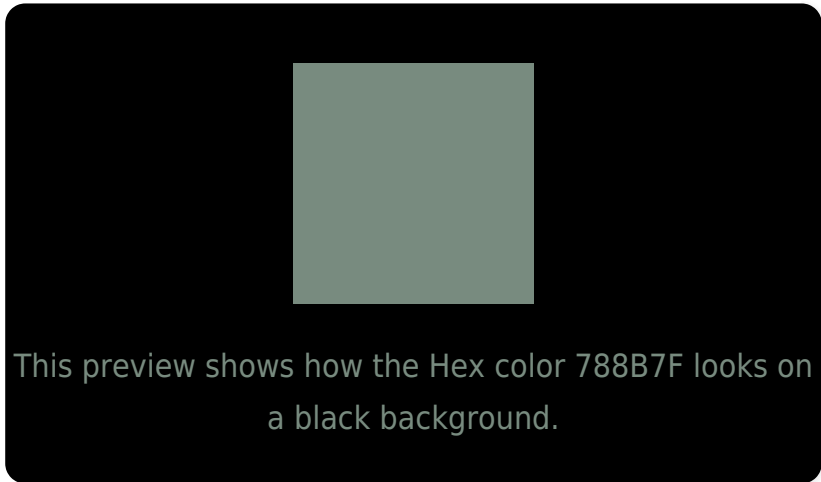
Large Text (above 18pt) WCAG AA ✓ Pass

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

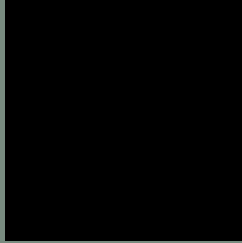
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 788B7F Background



This preview shows how black text looks on a background with the Hex color 788B7F.

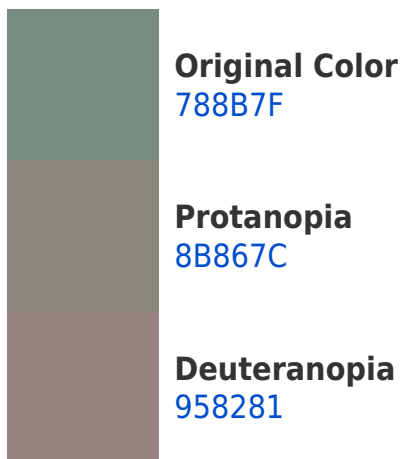


This preview shows how white text looks on a background with the Hex color 788B7F.

# 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**  
7B8893

# Trichromacy



**Original Color**  
788B7F

**Protanomaly**  
84887D

**Deuteranomaly**  
8A8580

**Tritanomaly**  
7A898C

# Monochromacy



**Original Color**  
788B7F

**Achromatopsia**  
848484

**Achromatomaly**  
808782

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 788B7F 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 #788B7F looks like.

```
.text, #text, p{  
    color:#788B7F  
}
```

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 #788B7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #788B7F
}
```

## Border

The CSS property to change the border of an element to Hex 788B7F 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
#788B7F }
```

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

```
.border{ border-color:#788B7F }
```

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

Here you see how a box with a 4 pixel #788B7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #788B7F; -webkit-box-shadow:4px 4px  
4px 4px #788B7F; box-shadow:4px 4px 4px  
4px #788B7F }
```

# Background

The CSS property to change the background color of an element to Hex 788B7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#788B7F }
```

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

```
.background{ background-color:#788B7F }
```

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