

Converting Colors

Hex(789E80)

Have a look what the booklet for
Hex(789E80) contains.

Hex(789E80)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(789E80)

Conversions

Conversions Part 1

Format	Color
Hex	789E80
RGB	120, 158, 128
RGB Percent	47%, 62%, 50%
CMY	0.5294, 0.3804, 0.4980
CMYK	0.24, 0.00, 0.19, 0.38
HSL	133°, 16%, 55%
HSV	133°, 24%, 62%
XYZ	23.8689, 30.0053, 24.9557
YIQ	143.2180, -13.0180, -17.3860

Conversions

Conversions Part 2

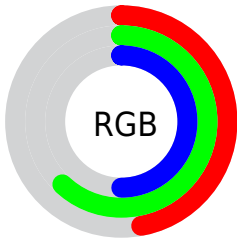
Format	Color
RYB	120, 151, 158
Decimal	7904896
CIELab	61.66, -19.28, 11.50
CIELCh	62, 22.451, 149.192
Yxy	30.0053, 0.3028, 0.3806
Android (android.graphics.Color)	4286094976 (0xFF789E80)
YUV	143.2180, -7.5025, -20.3622
Hunter-Lab	54.7771, -18.0794, 11.3323

Details

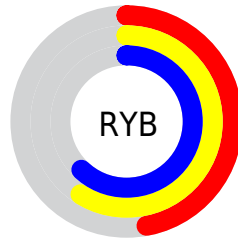
The Hex color **789E80** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9E7896**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **ADD5B5**, and **466A4F** is the 20% darker color. If you saturate the color by 10%, you get **689E74**, and if you desaturate by 10%, it is **889E8C**.

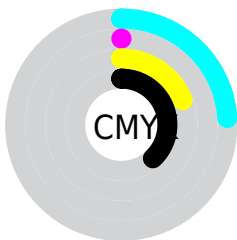
Distribution



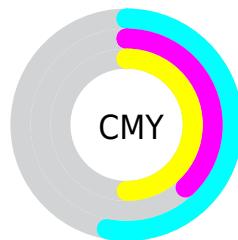
- Red (47%)
- Green (62%)
- Blue (50%)



- Red (47%)
- Yellow (59%)
- Blue (62%)



- Cyan (24%)
- Magenta (0%)
- Yellow (19%)
- Black (38%)



- Cyan (53%)
- Magenta (38%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 789E80 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 789E80 by changing the saturation by 10% instead.

 789E80

 789E80

FFFFFF

 5F8467

 ADD5B5

 466A4F

 C8F1D0

 2F5238

 E5FFED

 183B22

 02250D

 000B00

 000000

 789E80

 789E80

 689E74

 889E8C

■ 589E67

■ 989E99

■ 499E5B

■ A79EA5

■ 399E4E

■ B79EB2

■ 299E42

■ C79EBE

■ 199E35

■ D79ECB

■ 099E29

■ E79ED7

■ 009E21

■ F69EE4

■ FF9EF0

Harmonies

Analogous

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



8F9A72



789E80



64A094

Triad

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



789E80



7C97BC



BD8882

Complementary

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



789E80



9E7896

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.



BB8796



789E80



9790B8

Square

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



789E80



649CB6



AE8AAA



B58D73

Rectangle

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



789E80



5CA0A1



AE8AAA



BE8789

Sweetspot

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



789E80



C0CFC3



969E78



606962



E8E8E8



696969

Same Dimension

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



789E80



93CF9F



789E93



474F49



008F1E



000F03

Inverse Universe

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



9E7896



CF93C2



9E7883



4F474D



8F0071



0F000C

Previews

White Background



This preview shows how the Hex color 789E80 looks on a white background.

Color Contrast Check

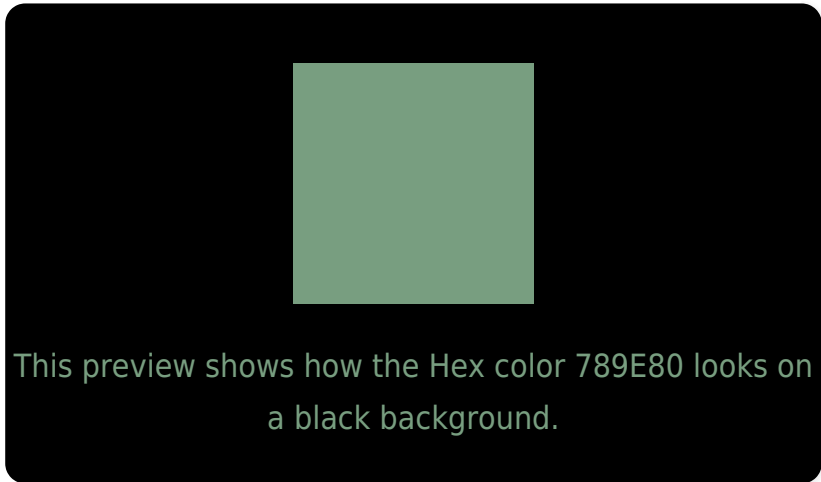
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

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

Hex 789E80 Background



This preview shows how black text looks on a background with the Hex color 789E80.



This preview shows how white text looks on a background with the Hex color 789E80.

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



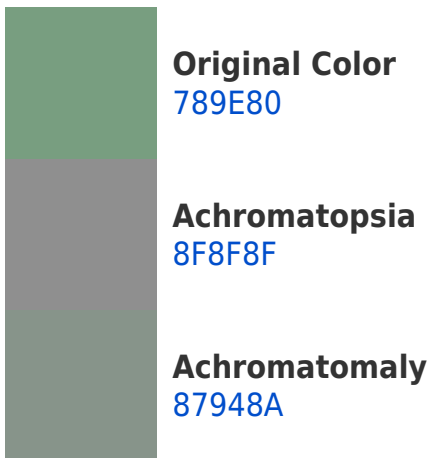


Tritanopia
7F99A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 789E80 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 #789E80 looks like.

```
.text, #text, p{  
    color:#789E80  
}
```

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 #789E80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #789E80
}
```

Border

The CSS property to change the border of an element to Hex 789E80 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
#789E80 }
```

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

```
.border{ border-color:#789E80 }
```

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

Here you see how a box with a 4 pixel #789E80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #789E80; -webkit-box-shadow:4px 4px  
4px 4px #789E80; box-shadow:4px 4px 4px  
4px #789E80 }
```

Background

The CSS property to change the background color of an element to Hex 789E80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#789E80 }
```

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

```
.background{ background-color:#789E80 }
```

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