

Converting Colors

Hex(68A78E)

Have a look what the booklet for
Hex(68A78E) contains.

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Color

Hex(68A78E)

Conversions

Conversions Part 1

Format	Color
Hex	68A78E
RGB	104, 167, 142
RGB Percent	41%, 65%, 56%
CMY	0.5922, 0.3451, 0.4431
CMYK	0.38, 0.00, 0.15, 0.35
HSL	156°, 26%, 53%
HSV	156°, 38%, 65%
XYZ	24.4101, 32.5335, 30.5842
YIQ	145.3130, -29.5230, -21.1310

Conversions

Conversions Part 2

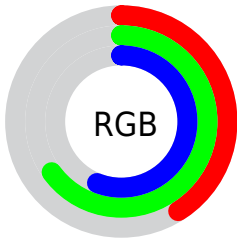
Format	Color
RYB	104, 143, 167
Decimal	6858638
CIELab	63.78, -26.07, 6.57
CIELCh	64, 26.882, 165.847
Yxy	32.5335, 0.2789, 0.3717
Android (android.graphics.Color)	4285048718 (0xFF68A78E)
YUV	145.3130, -1.6333, -36.2315
Hunter-Lab	57.0381, -23.4256, 8.1350

Details

The Hex color **68A78E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A76881**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **9DDEC4**, and **34735C** is the 20% darker color. If you saturate the color by 10%, you get **57A787**, and if you desaturate by 10%, it is **79A795**.

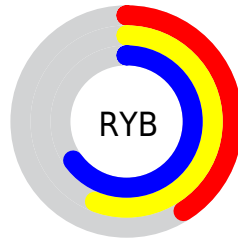
Distribution



Red (41%)

Green (65%)

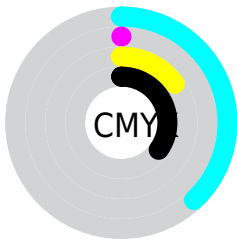
Blue (56%)



Red (41%)

Yellow (56%)

Blue (65%)

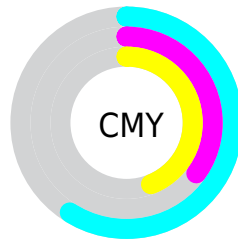


Cyan (38%)

Magenta (0%)

Yellow (15%)

Black (35%)



Cyan (59%)

Magenta (35%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68A78E 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 68A78E by changing the saturation by 10% instead.



68A78E



68A78E

FFFFFF



4E8C74



9DDEC4



34735C



B9FBE0



195A44



D5FFFC



00422E



F2FFFF



002B19



001600



000000



68A78E



68A78E



57A787



79A795

 47A781

 89A79B

 36A77A

 9AA7A2

 25A773

 ABA7A9

 14A76D

 BBA7AF

 04A766

 CCA7B6

 00A765

 DDA7BC

 EEA7C3

 FEA7CA

Harmonies

Analogous

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



83A378



68A78E



53A8A7

Triad

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



68A78E



8E98C8



C68D79

Complementary

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



68A78E



A76881

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.



CB898F



68A78E



AE90BC

Square

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



68A78E



6BA0C8



C38AA7



B6956C

Rectangle

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



68A78E



4FA7B6



C38AA7



C98C80

Sweetspot

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



68A78E



C1D9CF



81A768



5F6E68



EDEDED



6E6E6E

Same Dimension

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



68A78E



77D9B2



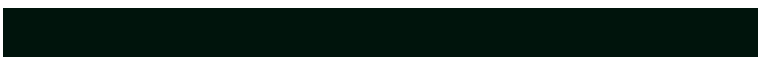
68A1A7



4C5451



009459



00140C

Inverse Universe

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



A76881



D9779E



A76E68



544C4F



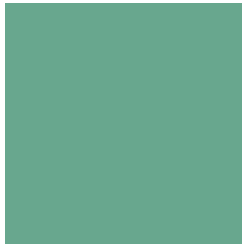
94003B



140008

Previews

White Background



This preview shows how the Hex color 68A78E looks on a white background.

Color Contrast Check

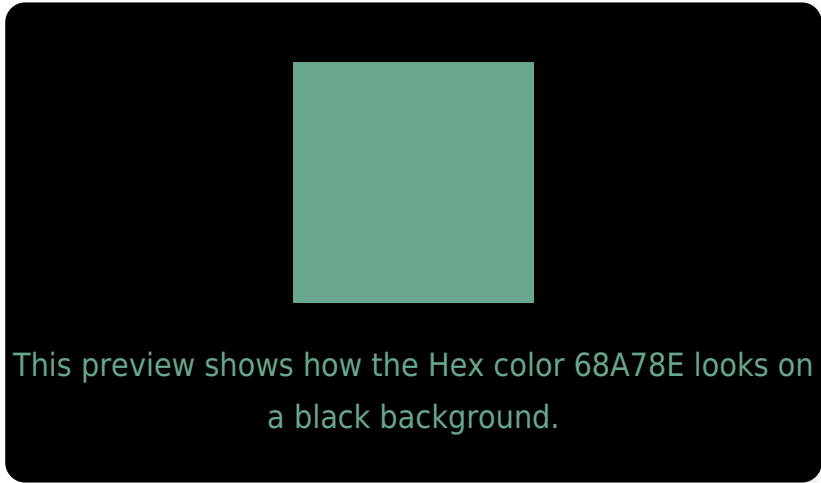
Large Text (above 18pt) WCAG AA × Fail

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

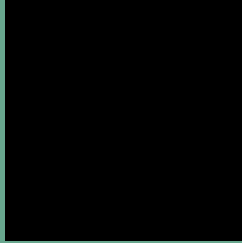
Any Text WCAG AA ✓ Pass

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 68A78E Background



This preview shows how black text looks on a background with the Hex color 68A78E.

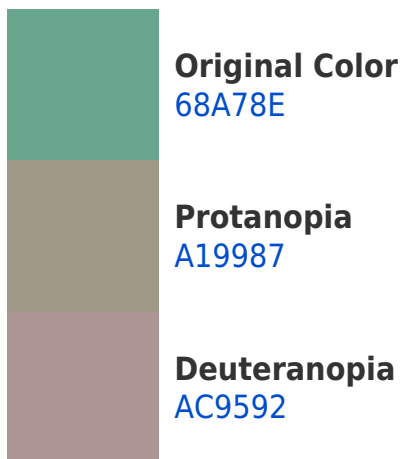


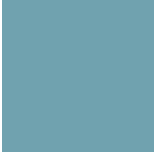
This preview shows how white text looks on a background with the Hex color 68A78E.

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



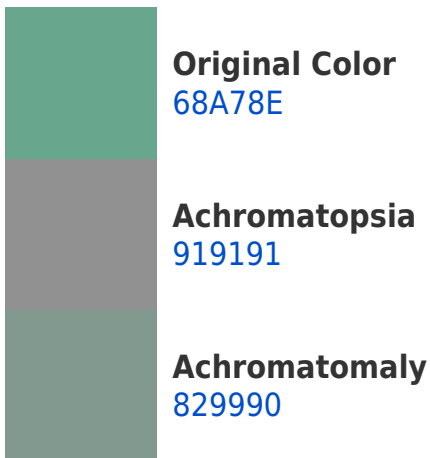


Tritanopia
70A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68A78E 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 #68A78E looks like.

```
.text, #text, p{  
    color:#68A78E  
}
```

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 #68A78E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68A78E
}
```

Border

The CSS property to change the border of an element to Hex 68A78E 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
#68A78E }
```

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

```
.border{ border-color:#68A78E }
```

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

Here you see how a box with a 4 pixel #68A78E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68A78E; -webkit-box-shadow:4px 4px  
4px 4px #68A78E; box-shadow:4px 4px 4px  
4px #68A78E }
```

Background

The CSS property to change the background color of an element to Hex 68A78E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68A78E }
```

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

```
.background{ background-color:#68A78E }
```

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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