

Converting Colors

Hex(78AB8D)

Have a look what the booklet for
Hex(78AB8D) contains.

Hex(78AB8D)	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(78AB8D)

Conversions

Conversions Part 1

Format	Color
Hex	78AB8D
RGB	120, 171, 141
RGB Percent	47%, 67%, 55%
CMY	0.5294, 0.3294, 0.4471
CMYK	0.30, 0.00, 0.18, 0.33
HSL	145°, 23%, 57%
HSV	145°, 30%, 67%
XYZ	27.1164, 35.0420, 30.5339
YIQ	152.3310, -20.7660, -20.1420

Conversions

Conversions Part 2

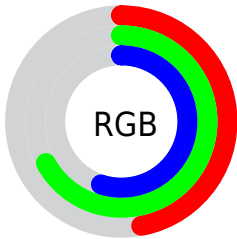
Format	Color
RYB	120, 156, 171
Decimal	7908237
CIELab	65.78, -23.35, 10.09
CIELCh	66, 25.438, 156.624
Yxy	35.0420, 0.2925, 0.3780
Android (android.graphics.Color)	4286098317 (0xFF78AB8D)
YUV	152.3310, -5.5862, -28.3543
Hunter-Lab	59.1963, -21.8270, 10.8551

Details

The Hex color **78AB8D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AB7896**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **ADE3C3**, and **45765B** is the 20% darker color. If you saturate the color by 10%, you get **67AB83**, and if you desaturate by 10%, it is **89AB97**.

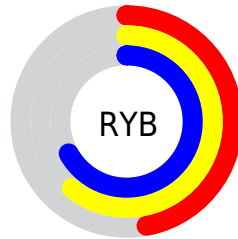
Distribution



Red (47%)

Green (67%)

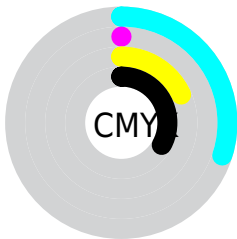
Blue (55%)



Red (47%)

Yellow (61%)

Blue (67%)

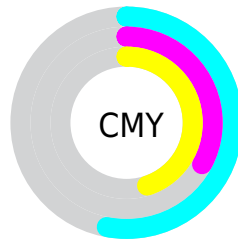


Cyan (30%)

Magenta (0%)

Yellow (18%)

Black (33%)



Cyan (53%)

Magenta (33%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78AB8D 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 78AB8D by changing the saturation by 10% instead.

78AB8D

78AB8D

FFFFFF

5E9073

ADE3C3

45765B

C9FFDF

2D5E43

E6FFFB

14462D

002F18

001C00

000000

78AB8D

78AB8D

67AB83

89AB97

 56AB79

 9AABA1

 45AB6F


 ABABAB

 34AB65

 BCABB5

 23AB5B

 CDABBF

 11AB51

 DFABC9

 00AB47

 F0ABD3

 00AB46

 FFABDD

 FFABE8

Harmonies

Analogous

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



92A77B



78AB8D



62ADA4

Triad

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



78AB8D



8AA0CD



CC9286

Complementary

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



78AB8D



AB7896

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.



CD8F9B



78AB8D



AA98C4

Square

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



78AB8D



6CA7C9



C192B2



C09877

Rectangle

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



78AB8D



5BACB3



C192B2



CE908C

Sweetspot

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



78AB8D



CADED2



97AB78



647069



F0F0F0



707070

Same Dimension

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



78AB8D



8EDEAF



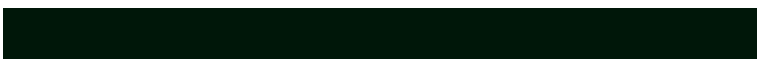
78ABA6



4E5752



00963E



001709

Inverse Universe

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



AB7896



DE8EBD



AB787D



574E53



960058



17000D

Previews

White Background



This preview shows how the Hex color 78AB8D looks on a white background.

Color Contrast Check

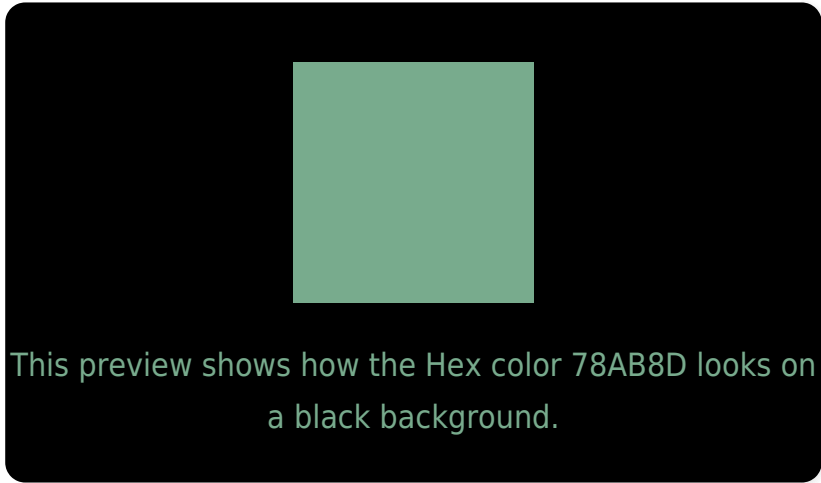
Large Text (above 18pt) WCAG AA × Fail

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

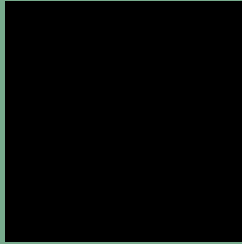
Any Text WCAG AA ✓ Pass

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 78AB8D Background



This preview shows how black text looks on a background with the Hex color 78AB8D.

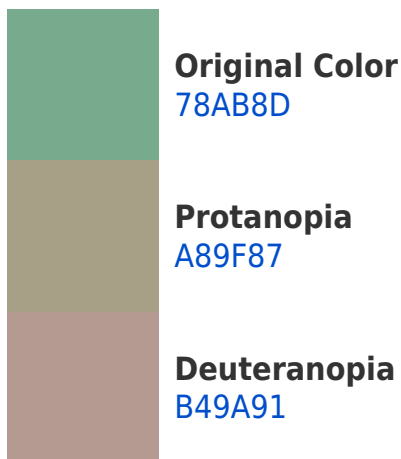


This preview shows how white text looks on a background with the Hex color 78AB8D.

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](#).

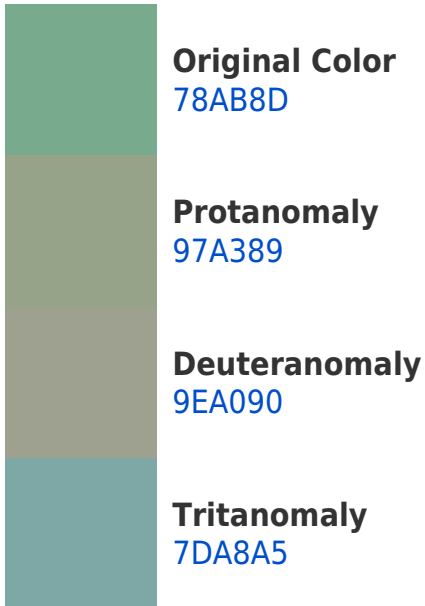
Dichromacy





Tritanopia
80A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78AB8D 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 #78AB8D looks like.

```
.text, #text, p{  
    color:#78AB8D  
}
```

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 #78AB8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78AB8D
}
```

Border

The CSS property to change the border of an element to Hex 78AB8D 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
#78AB8D }
```

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

```
.border{ border-color:#78AB8D }
```

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

Here you see how a box with a 4 pixel #78AB8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78AB8D; -webkit-box-shadow:4px 4px  
4px 4px #78AB8D; box-shadow:4px 4px 4px  
4px #78AB8D }
```

Background

The CSS property to change the background color of an element to Hex 78AB8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78AB8D }
```

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

```
.background{ background-color:#78AB8D }
```

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