

Converting Colors

Hex(78BA88)

Have a look what the booklet for
Hex(78BA88) contains.

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Color

Hex(78BA88)

Conversions

Conversions Part 1

Format	Color
Hex	78BA88
RGB	120, 186, 136
RGB Percent	47%, 73%, 53%
CMY	0.5294, 0.2706, 0.4667
CMYK	0.35, 0.00, 0.27, 0.27
HSL	135°, 32%, 60%
HSV	135°, 35%, 73%
XYZ	29.7486, 40.8885, 29.6169
YIQ	160.5660, -23.2860, -29.5420

Conversions

Conversions Part 2

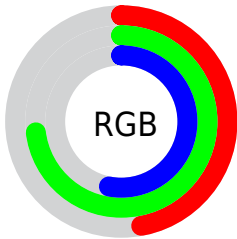
Format	Color
RYB	120, 173, 186
Decimal	7912072
CIELab	70.10, -31.63, 18.86
CIELCh	70, 36.827, 149.197
Yxy	40.8885, 0.2967, 0.4078
Android (android.graphics.Color)	4286102152 (0xFF78BA88)
YUV	160.5660, -12.1110, -35.5764
Hunter-Lab	63.9441, -28.8590, 17.2996

Details

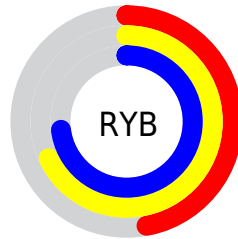
The Hex color **78BA88** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **BA78AA**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **AEF2BE**, and **448456** is the 20% darker color. If you saturate the color by 10%, you get **65BA7A**, and if you desaturate by 10%, it is **8BBA96**.

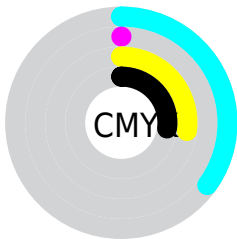
Distribution



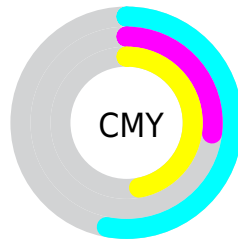
- Red (47%)
- Green (73%)
- Blue (53%)



- Red (47%)
- Yellow (68%)
- Blue (73%)



- Cyan (35%)
- Magenta (0%)
- Yellow (27%)
- Black (27%)



- Cyan (53%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78BA88 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 78BA88 by changing the saturation by 10% instead.

 78BA88

 78BA88

FFFFFF

 5E9F6E

 AEF2BE

 448456

 CAFFD9

 2A6B3E

 E7FFF6

 0B5228

 003A13

 002500

 000100

 000000

 78BA88

 78BA88

 65BA7A

 8BBA96

 53BA6C

 9DBAA4

 40BA5E

 B0BAB2

 2EBA50

 C2BAC0

 1BBA42

 D5BACE

 08BA33

 E8BADD

 00BA2D

 FABAEB

 FFBAF9

 FFBAFF

Harmonies

Analogous

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



A0B370



78BA88



4CBDA9

Triad

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



78BA88



7AAFEE



EC948C

Complementary

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



78BA88



BA78AA

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.



EA92AE



78BA88



AEA3E6

Square

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



78BA88



41B8E4



D598CE



DD9D73

Rectangle

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



78BA88



2FBDC0



D598CE



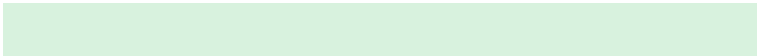
ED9297

Sweetspot

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



78BA88



D8F2DE



ABBA78



6A7A6E



FAFAFA



7A7A7A

Same Dimension

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



78BA88



8AF2A3



78BAA8



535C55



009C26



001C07

Inverse Universe

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



BA78AA



F28AD9



BA788A



5C535A



9C0076



1C0015

Previews

White Background



This preview shows how the Hex color 78BA88 looks on a white background.

Color Contrast Check

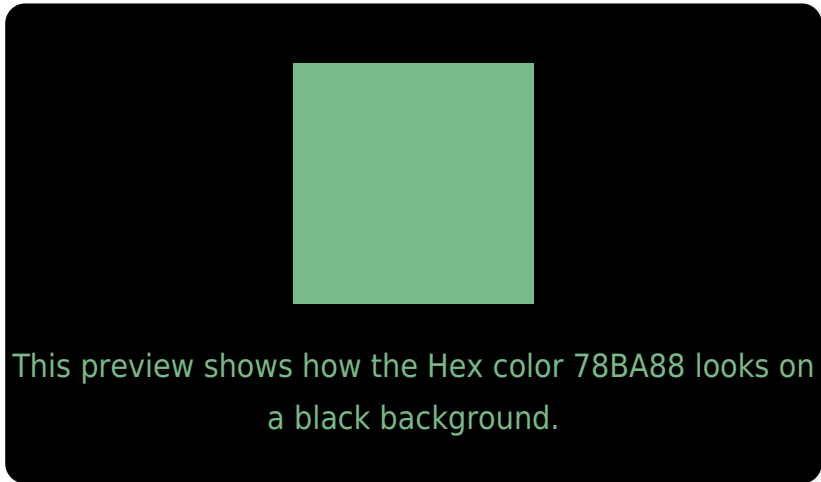
Large Text (above 18pt) WCAG AA × Fail

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

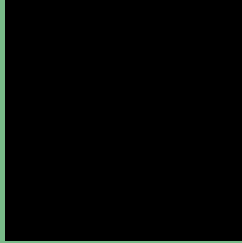
Any Text WCAG AA ✓ Pass

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 78BA88 Background



This preview shows how black text looks on a background with the Hex color 78BA88.

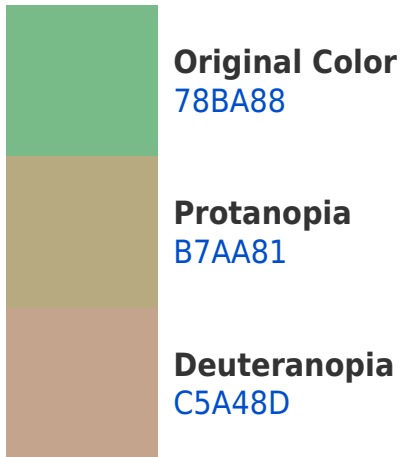


This preview shows how white text looks on a background with the Hex color 78BA88.

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](#).

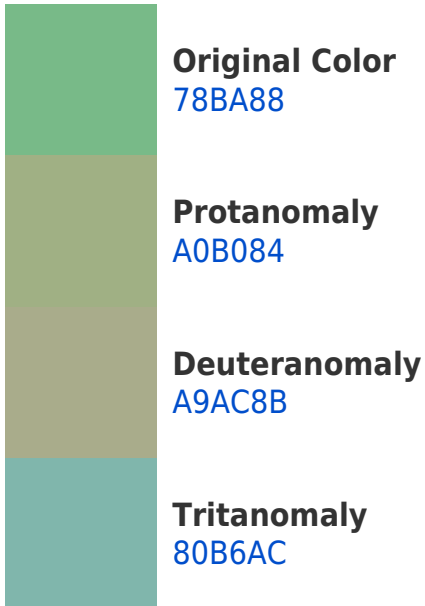
Dichromacy



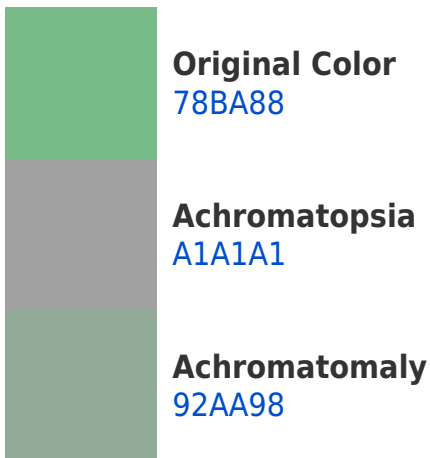


Tritanopia
84B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78BA88 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 #78BA88 looks like.

```
.text, #text, p{  
    color:#78BA88  
}
```

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 #78BA88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78BA88
}
```

Border

The CSS property to change the border of an element to Hex 78BA88 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
#78BA88 }
```

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

```
.border{ border-color:#78BA88 }
```

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

Here you see how a box with a 4 pixel #78BA88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78BA88; -webkit-box-shadow:4px 4px  
4px 4px #78BA88; box-shadow:4px 4px 4px  
4px #78BA88 }
```

Background

The CSS property to change the background color of an element to Hex 78BA88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78BA88 }
```

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

```
.background{ background-color:#78BA88 }
```

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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