

Converting Colors

Hex(78B68D)

Have a look what the booklet for
Hex(78B68D) contains.

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Color

Hex(78B68D)

Conversions

Conversions Part 1

Format	Color
Hex	78B68D
RGB	120, 182, 141
RGB Percent	47%, 71%, 55%
CMY	0.5294, 0.2863, 0.4471
CMYK	0.34, 0.00, 0.23, 0.29
HSL	140°, 30%, 59%
HSV	140°, 34%, 71%
XYZ	29.2814, 39.3721, 31.2556
YIQ	158.7880, -23.7910, -25.8950

Conversions

Conversions Part 2

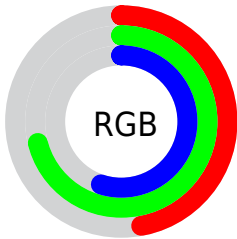
Format	Color
RYB	120, 166, 182
Decimal	7911053
CIELab	69.02, -28.77, 14.65
CIELCh	69, 32.289, 153.011
Yxy	39.3721, 0.2931, 0.3941
Android (android.graphics.Color)	4286101133 (0xFF78B68D)
YUV	158.7880, -8.7695, -34.0171
Hunter-Lab	62.7472, -26.5093, 14.3895

Details

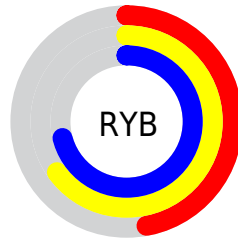
The Hex color **78B68D** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **B678A1**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **AEEEC3**, and **44815B** is the 20% darker color. If you saturate the color by 10%, you get **66B681**, and if you desaturate by 10%, it is **8AB699**.

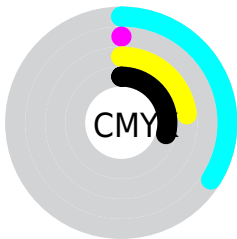
Distribution



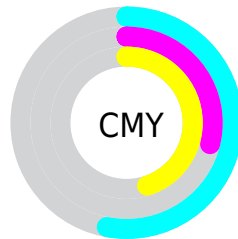
- Red (47%)
- Green (71%)
- Blue (55%)



- Red (47%)
- Yellow (65%)
- Blue (71%)



- Cyan (34%)
- Magenta (0%)
- Yellow (23%)
- Black (29%)



- Cyan (53%)
- Magenta (29%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78B68D 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 78B68D by changing the saturation by 10% instead.

 78B68D

 78B68D

FFFFFF

 5E9B73

 AEEEC3

 44815B

 CAFFDF

 2B6743

 E7FFFB


 0E4F2D

 003718

 002300

 000000

 78B68D

 78B68D

 66B681

 8AB699

 54B675

 9CB6A5

 41B669

 AFB6B1

 2FB65D

 C1B6BD

 1DB651

 D3B6C9

 0BB645

 E5B6D5

 00B63E

 F7B6E1

 FFB6ED

 FFB6F9

Harmonies

Analogous

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



9AB077



78B68D



56B8AA

Triad

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



78B68D



85AAE2



E1958A

Complementary

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



78B68D



B678A1

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.



E192A7



78B68D



B0A0D9

Square

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



78B68D



5AB3DC



D097C4



D29E75

Rectangle

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



78B68D



46B8BE



D097C4



E29493

Sweetspot

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



78B68D



D5EDDD



A1B678



69786E



F7F7F7



787878

Same Dimension

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



78B68D



8CEDAD



78B6AC



535C56



009C35



001C0A

Inverse Universe

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



B678A1



ED8CCC



B67882



5C5359



9C0067



1C0013

Previews

White Background



This preview shows how the Hex color 78B68D looks on a white background.

Color Contrast Check

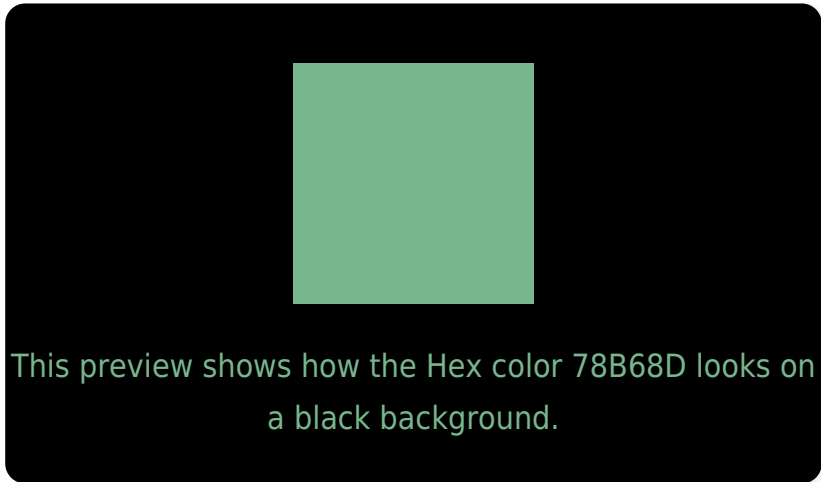
Large Text (above 18pt) WCAG AA × Fail

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 78B68D Background



This preview shows how black text looks on a background with the Hex color 78B68D.

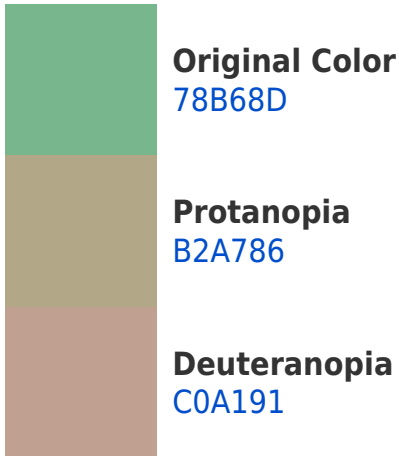


This preview shows how white text looks on a background with the Hex color 78B68D.

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](#).

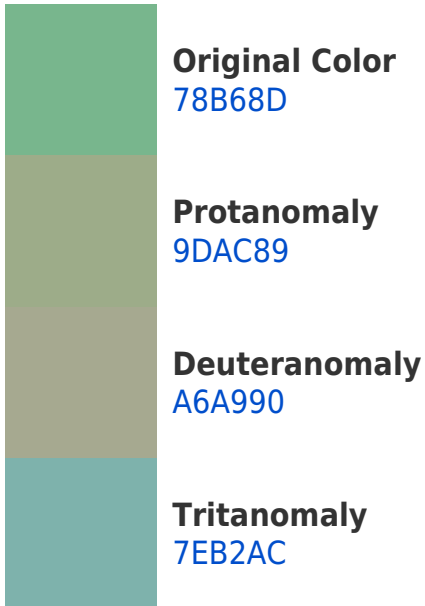
Dichromacy



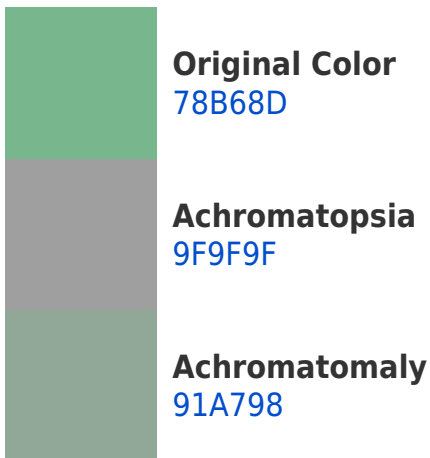


Tritanopia
82AFBE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78B68D 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 #78B68D looks like.

```
.text, #text, p{  
    color:#78B68D  
}
```

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 #78B68D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78B68D  
}
```

Border

The CSS property to change the border of an element to Hex 78B68D 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  
#78B68D }
```

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

```
.border{ border-color:#78B68D }
```

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

Here you see how a box with a 4 pixel #78B68D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78B68D; -webkit-box-shadow:4px 4px  
4px 4px #78B68D; box-shadow:4px 4px 4px  
4px #78B68D }
```

Background

The CSS property to change the background color of an element to Hex 78B68D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78B68D }
```

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

```
.background{ background-color:#78B68D }
```

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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