

Converting Colors

Hex(78B8B6)

Have a look what the booklet for
Hex(78B8B6) contains.

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Color

Hex(78B8B6)

Conversions

Conversions Part 1

Format	Color
Hex	78B8B6
RGB	120, 184, 182
RGB Percent	47%, 72%, 71%
CMY	0.5294, 0.2784, 0.2863
CMYK	0.35, 0.00, 0.01, 0.28
HSL	178°, 31%, 60%
HSV	178°, 35%, 72%
XYZ	33.3297, 41.6514, 50.5388
YIQ	164.6360, -37.5020, -14.1900

Conversions

Conversions Part 2

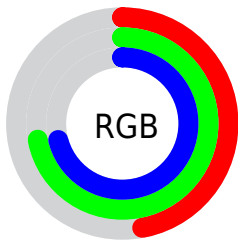
Format	Color
RYB	120, 153, 184
Decimal	7911606
CIELab	70.63, -20.82, -5.49
CIELCh	71, 21.529, 194.776
Yxy	41.6514, 0.2655, 0.3318
Android (android.graphics.Color)	4286101686 (0xFF78B8B6)
YUV	164.6360, 8.5605, -39.1458
Hunter-Lab	64.5379, -20.7575, -1.2527

Details

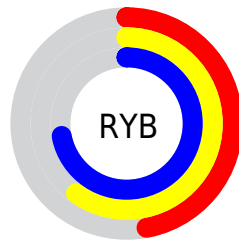
The Hex color **78B8B6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B8787A**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **AFF0EE**, and **438381** is the 20% darker color. If you saturate the color by 10%, you get **66B8B5**, and if you desaturate by 10%, it is **8AB8B7**.

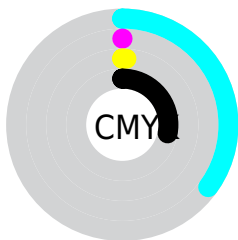
Distribution



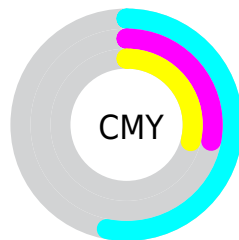
- Red (47%)
- Green (72%)
- Blue (71%)



- Red (47%)
- Yellow (60%)
- Blue (72%)



- Cyan (35%)
- Magenta (0%)
- Yellow (1%)
- Black (28%)



- Cyan (53%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78B8B6 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 78B8B6 by changing the saturation by 10% instead.



78B8B6



78B8B6

FFFFFF



5D9D9B



AFF0EE



438381



CBFFFF



286968



E8FFFF



045150



003A39



002424



00050F



000000



78B8B6



78B8B6

66B8B5

8AB8B7

53B8B5

9DB8B7

41B8B4

AFB8B8

2EB8B4

C2B8B8

1CB8B3

D4B8B9

0AB8B3

E6B8B9

00B8B2

F9B8BA

FFB8BB

Harmonies

Analogous

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



86B7A2



78B8B6



78B6C8

Triad

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



78B8B6



BCA5C9



C5A887

Complementary

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



78B8B6



B8787A

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.



D2A292



78B8B6



CEA0B8

Square

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



78B8B6



A3ABD2



D59FA4



B2AF87

Rectangle

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



78B8B6



82B3D0



D59FA4



CAA68A

Sweetspot

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



78B8B6



D8F0EF



7AB878



697877



F7F7F7



787878

Same Dimension

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



78B8B6



8BF0ED



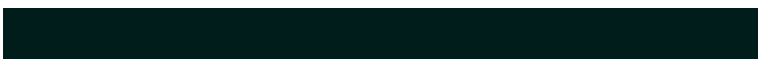
789AB8



535C5C



009C97



001C1B

Inverse Universe

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



B8787A



F08B8E



B89678



5C5353



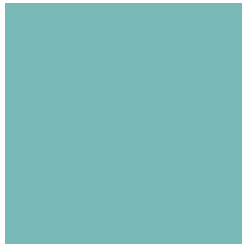
9C0005



1C0001

Previews

White Background



This preview shows how the Hex color 78B8B6 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



This preview shows how the Hex color 78B8B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

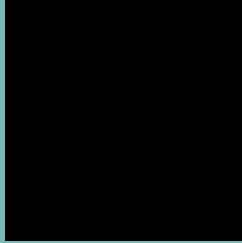
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

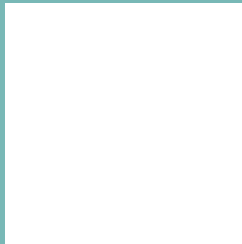
Any Text WCAG AAA ✓ Pass

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

Hex 78B8B6 Background



This preview shows how black text looks on a background with the Hex color 78B8B6.



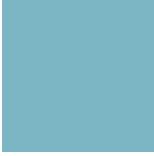
This preview shows how white text looks on a background with the Hex color 78B8B6.

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](#).

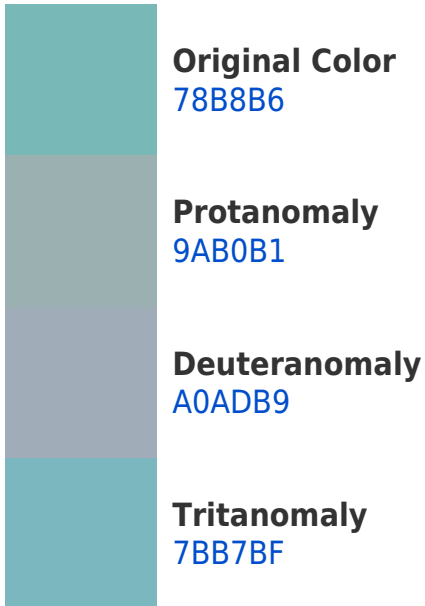
Dichromacy



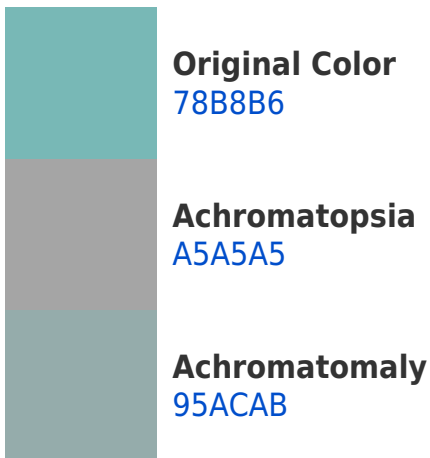


Tritanopia
7CB6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78B8B6 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 #78B8B6 looks like.

```
.text, #text, p{  
    color:#78B8B6  
}
```

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 #78B8B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78B8B6
}
```

Border

The CSS property to change the border of an element to Hex 78B8B6 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
#78B8B6 }
```

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

```
.border{ border-color:#78B8B6 }
```

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

Here you see how a box with a 4 pixel #78B8B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78B8B6; -webkit-box-shadow:4px 4px  
4px 4px #78B8B6; box-shadow:4px 4px 4px  
4px #78B8B6 }
```

Background

The CSS property to change the background color of an element to Hex 78B8B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78B8B6 }
```

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

```
.background{ background-color:#78B8B6 }
```

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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