

Converting Colors

Hex(78BAA2)

Have a look what the booklet for
Hex(78BAA2) contains.

Hex(78BAA2)	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(78BAA2)

Conversions

Conversions Part 1

Format	Color
Hex	78BAA2
RGB	120, 186, 162
RGB Percent	47%, 73%, 64%
CMY	0.5294, 0.2706, 0.3647
CMYK	0.35, 0.00, 0.13, 0.27
HSL	158°, 32%, 60%
HSV	158°, 35%, 73%
XYZ	31.8262, 41.7195, 40.5577
YIQ	163.5300, -31.6320, -21.4560

Conversions

Conversions Part 2

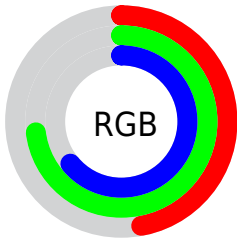
Format	Color
RYB	120, 160, 186
Decimal	7912098
CIELab	70.68, -26.40, 5.54
CIElCh	71, 26.979, 168.148
Yxy	41.7195, 0.2789, 0.3656
Android (android.graphics.Color)	4286102178 (0xFF78BAA2)
YUV	163.5300, -0.7543, -38.1758
Hunter-Lab	64.5906, -25.0800, 7.9842

Details

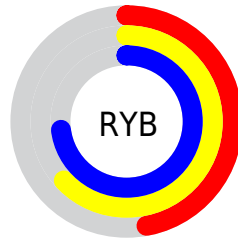
The Hex color **78BAA2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BA7890**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **AEF2D9**, and **44856E** is the 20% darker color. If you saturate the color by 10%, you get **65BA9B**, and if you desaturate by 10%, it is **8BBAA9**.

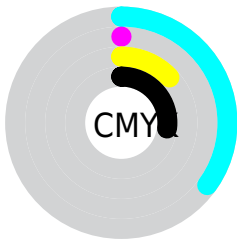
Distribution



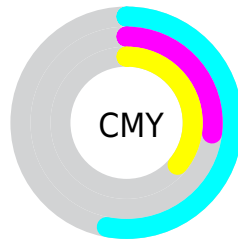
- Red (47%)
- Green (73%)
- Blue (64%)



- Red (47%)
- Yellow (63%)
- Blue (73%)



- Cyan (35%)
- Magenta (0%)
- Yellow (13%)
- Black (27%)



- Cyan (53%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78BAA2 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 78BAA2 by changing the saturation by 10% instead.

 78BAA2

 78BAA2

FFFFFF

 5E9F88

 AEF2D9

 44856E

 CAFFF5

 296B56

 E7FFFF

 09523F

 003B29

 002515

 000500

 000000

 78BAA2

 78BAA2

65BA9B

8BBAA9

53BA94

9DBAB0

40BA8E

B0BAB6

2EBA87

C2BABD

1BBA80

D5BAC4

08BA79

E8BACB

00BA76

FABAD1

FFBAD8

FFBADF

Harmonies

Analogous

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



93B68C



78BAA2



65BBBB

Triad

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



78BAA2



A3AADB



D9A089

Complementary

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



78BAA2



BA7890

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.



DF9B9F



78BAA2



C3A2CE

Square

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



78BAA2



81B2DC



D89CB8



C8A87D

Rectangle

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



78BAA2



63B9CA



D89CB8



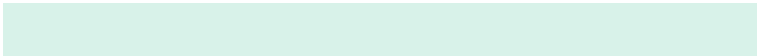
DC9E90

Sweetspot

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



78BAA2



D8F2E9



90BA78



6A7A75



FAFAFA



7A7A7A

Same Dimension

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



78BAA2



8AF2CC



78B1BA



535C58



009C63



001C12

Inverse Universe

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



BA7890



F28AB0



BA8178



5C5356



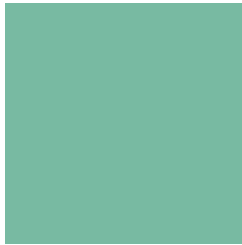
9C0039



1C000A

Previews

White Background



This preview shows how the Hex color 78BAA2 looks on a white background.

Color Contrast Check

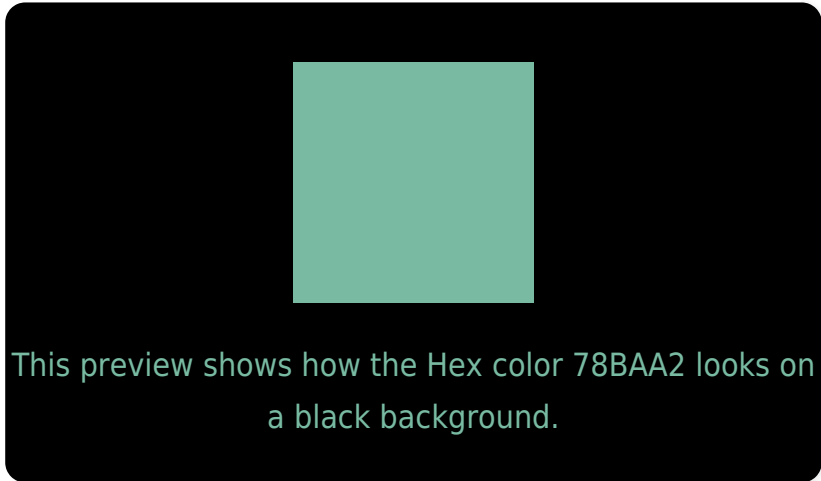
Large Text (above 18pt) WCAG AA × Fail

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 78BAA2 Background



This preview shows how black text looks on a background with the Hex color 78BAA2.

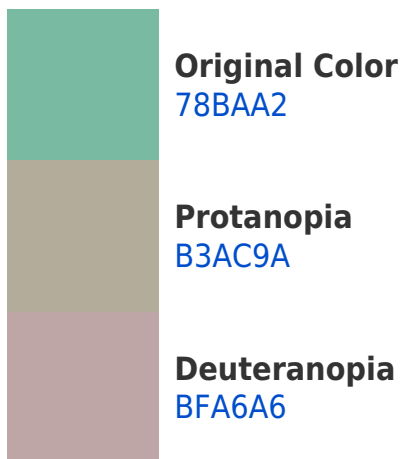


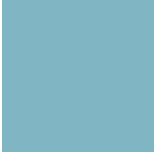
This preview shows how white text looks on a background with the Hex color 78BAA2.

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](#).

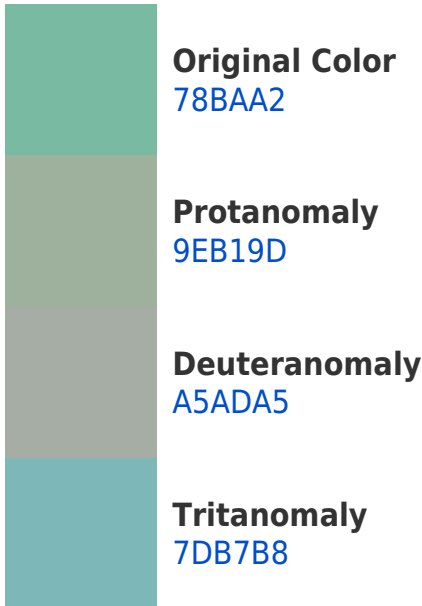
Dichromacy



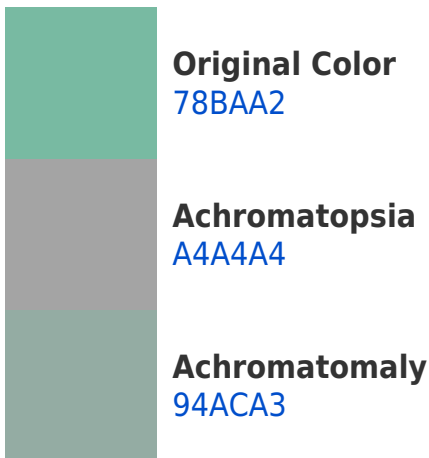


Tritanopia
80B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78BAA2 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 #78BAA2 looks like.

```
.text, #text, p{  
    color:#78BAA2  
}
```

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 #78BAA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78BAA2
}
```

Border

The CSS property to change the border of an element to Hex 78BAA2 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
#78BAA2 }
```

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

```
.border{ border-color:#78BAA2 }
```

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

Here you see how a box with a 4 pixel #78BAA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78BAA2; -webkit-box-shadow:4px 4px  
4px 4px #78BAA2; box-shadow:4px 4px 4px  
4px #78BAA2 }
```

Background

The CSS property to change the background color of an element to Hex 78BAA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78BAA2 }
```

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

```
.background{ background-color:#78BAA2 }
```

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