

Converting Colors

Hex(78ABA2)

Have a look what the booklet for
Hex(78ABA2) contains.

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Color

Hex(78ABA2)

Conversions

Conversions Part 1

Format	Color
Hex	78ABA2
RGB	120, 171, 162
RGB Percent	47%, 67%, 64%
CMY	0.5294, 0.3294, 0.3647
CMYK	0.30, 0.00, 0.05, 0.33
HSL	169°, 23%, 57%
HSV	169°, 30%, 67%
XYZ	28.8302, 35.7275, 39.5590
YIQ	154.7250, -27.5070, -13.6110

Conversions

Conversions Part 2

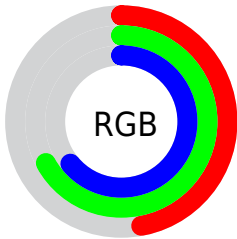
Format	Color
RYB	120, 148, 171
Decimal	7908258
CIELab	66.31, -18.84, -0.80
CIELCh	66, 18.858, 182.418
Yxy	35.7275, 0.2769, 0.3431
Android (android.graphics.Color)	4286098338 (0xFF78ABA2)
YUV	154.7250, 3.5866, -30.4538
Hunter-Lab	59.7725, -18.5055, 2.6011

Details

The Hex color **78ABA2** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AB7881**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **AEE2D9**, and **45776E** is the 20% darker color. If you saturate the color by 10%, you get **67AB9F**, and if you desaturate by 10%, it is **89ABA5**.

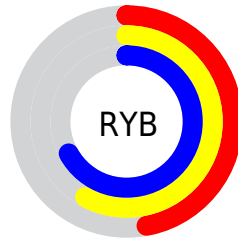
Distribution



Red (47%)

Green (67%)

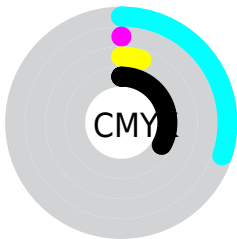
Blue (64%)



Red (47%)

Yellow (58%)

Blue (67%)

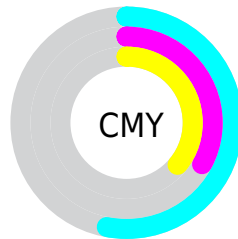


Cyan (30%)

Magenta (0%)

Yellow (5%)

Black (33%)



Cyan (53%)

Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78ABA2 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 78ABA2 by changing the saturation by 10% instead.

 78ABA2

 78ABA2

FFFFFF

 5E9088

 AEE2D9

 45776E

 CAFFF5

 2C5E56

 E6FFFF

 12463F

 002F29

 001C15

 000000

 78ABA2

 78ABA2

 67AB9F

 89ABA5

■ 56AB9C

■ 9AABA8

■ 45AB99

■ ABABAB

■ 34AB96

■ BCABAE

■ 23AB93

■ CDABB1

■ 11AB90

■ DFABB4

■ 00AB8D

■ F0ABB7

■ FFABBA

■ FFABBD

Harmonies

Analogous

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



87A991



78ABA2



73AAB3

Triad

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



78ABA2



A69CBE



BC9B84

Complementary

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



78ABA2



AB7881

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.



C49790



78ABA2



B898B1

Square

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



78ABA2



8FA2C3



C395A0



ADA080

Rectangle

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



78ABA2



77A8BB



C395A0



BF9987

Sweetspot

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



78ABA2



CADEDA



81AB78



64706E



F0F0F0



707070

Same Dimension

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



78ABA2



8EDED0



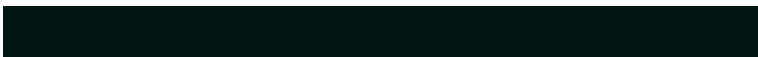
789BAB



4E5755



00967C



001713

Inverse Universe

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



AB7881



DE8E9C



AB8878



574E50



96001B



170004

Previews

White Background



This preview shows how the Hex color 78ABA2 looks on a white background.

Color Contrast Check

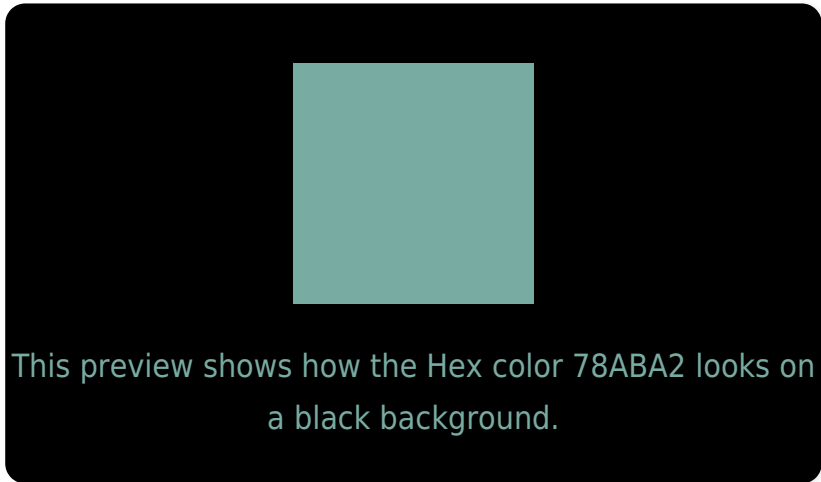
Large Text (above 18pt) WCAG AA × Fail

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

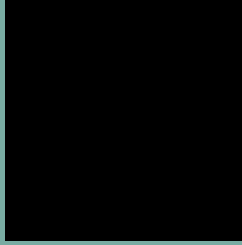
Any Text WCAG AA ✓ Pass

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 78ABA2 Background



This preview shows how black text looks on a background with the Hex color 78ABA2.

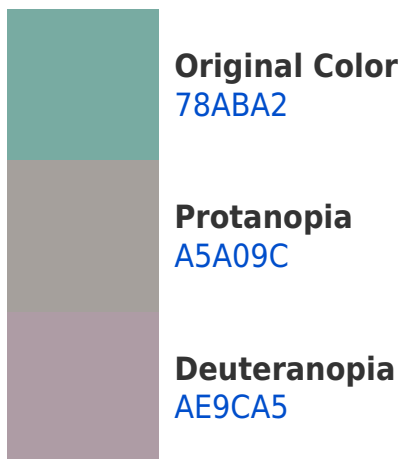


This preview shows how white text looks on a background with the Hex color 78ABA2.

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](#).

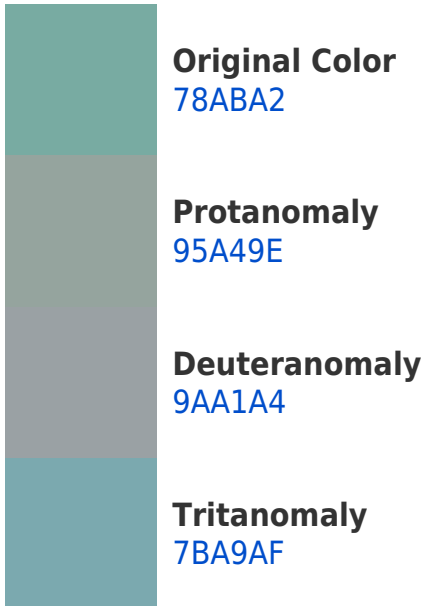
Dichromacy





Tritanopia
7CA8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78ABA2 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 #78ABA2 looks like.

```
.text, #text, p{  
    color:#78ABA2  
}
```

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 #78ABA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78ABA2  
}
```

Border

The CSS property to change the border of an element to Hex 78ABA2 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  
#78ABA2 }
```

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

```
.border{ border-color:#78ABA2 }
```

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

Here you see how a box with a 4 pixel #78ABA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78ABA2; -webkit-box-shadow:4px 4px  
4px 4px #78ABA2; box-shadow:4px 4px 4px  
4px #78ABA2 }
```

Background

The CSS property to change the background color of an element to Hex 78ABA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78ABA2 }
```

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

```
.background{ background-color:#78ABA2 }
```

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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