

Converting Colors

Hex(78C3AB)

Have a look what the booklet for
Hex(78C3AB) contains.

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Color

Hex(78C3AB)

Conversions

Conversions Part 1

Format	Color
Hex	78C3AB
RGB	120, 195, 171
RGB Percent	47%, 76%, 67%
CMY	0.5294, 0.2353, 0.3294
CMYK	0.38, 0.00, 0.12, 0.24
HSL	161°, 38%, 62%
HSV	161°, 38%, 76%
XYZ	34.6115, 45.9636, 45.5757
YIQ	169.8390, -36.9960, -23.3640

Conversions

Conversions Part 2

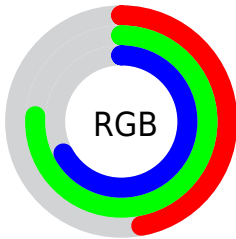
Format	Color
RYB	120, 165, 195
Decimal	7914411
CIELab	73.52, -28.82, 4.74
CIELCh	74, 29.206, 170.659
Yxy	45.9636, 0.2744, 0.3644
Android (android.graphics.Color)	4286104491 (0xFF78C3AB)
YUV	169.8390, 0.5724, -43.7088
Hunter-Lab	67.7964, -27.5157, 7.6002

Details

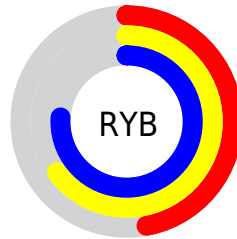
The Hex color **78C3AB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C37890**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **AFFCE2**, and **428D77** is the 20% darker color. If you saturate the color by 10%, you get **64C3A5**, and if you desaturate by 10%, it is **8BC3B1**.

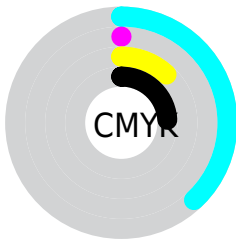
Distribution



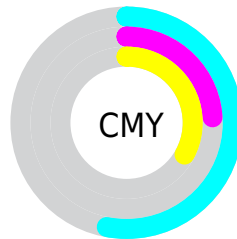
- Red (47%)
- Green (76%)
- Blue (67%)



- Red (47%)
- Yellow (65%)
- Blue (76%)



- Cyan (38%)
- Magenta (0%)
- Yellow (12%)
- Black (24%)



- Cyan (53%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78C3AB 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 78C3AB by changing the saturation by 10% instead.

 78C3AB

 78C3AB

FFFFFF

 5DA891

 AFFCE2

 428D77

 CBFFFF

 26735E

 E8FFFF

 005A47

 004230

 002B1B

 001501

 000000

 78C3AB

 78C3AB

64C3A5

8BC3B1

51C39F

9FC3B7

3EC398

B3C3BE

2AC392

C6C3C4

17C38C

DAC3CA

03C386

EDC3D0

00C385

FFC3D7

FFC3DD

FFC3E3

Harmonies

Analogous

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



96BF92



78C3AB



64C3C7

Triad

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



78C3AB



ADB1E7



E3A78C

Complementary

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



78C3AB



C37890

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.



EBA2A3



78C3AB



CFA8D7

Square

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



78C3AB



87BAE9



E4A2BE



D0B080

Rectangle

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



78C3AB



63C2D7



E4A2BE



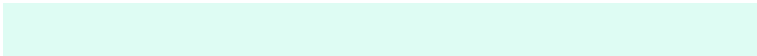
E7A593

Sweetspot

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



78C3AB



DEFCF3



91C378



6E807A



000000



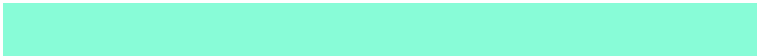
808080

Same Dimension

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



78C3AB



88FCD7



78B6C3



57615E



00A16D



002117

Inverse Universe

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



C37890



FC88AD



C38578



61575A



A10033



21000B

Previews

White Background



This preview shows how the Hex color 78C3AB looks on a white background.

Color Contrast Check

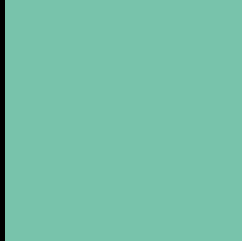
Large Text (above 18pt) WCAG AA × Fail

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 78C3AB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

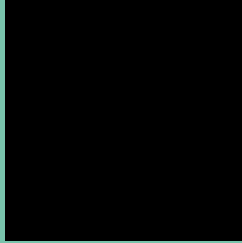
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

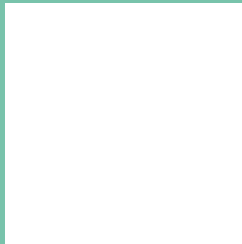
Any Text WCAG AAA ✓ Pass

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

Hex 78C3AB Background



This preview shows how black text looks on a background with the Hex color 78C3AB.

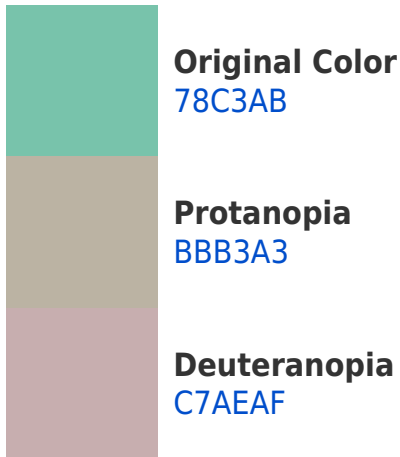


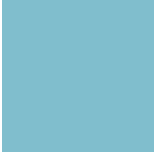
This preview shows how white text looks on a background with the Hex color 78C3AB.

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](#).

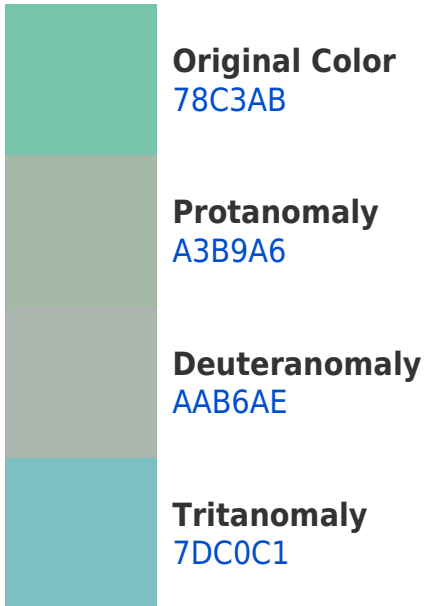
Dichromacy



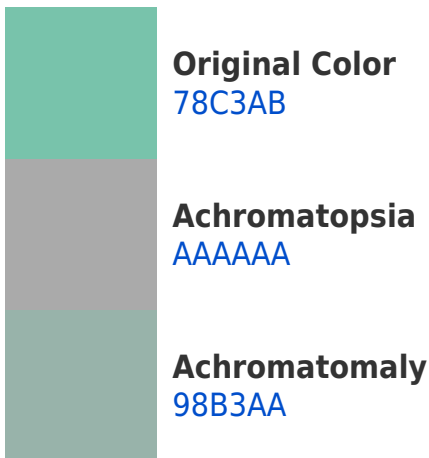


Tritanopia
80BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78C3AB 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 #78C3AB looks like.

```
.text, #text, p{  
    color:#78C3AB  
}
```

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 #78C3AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78C3AB
}
```

Border

The CSS property to change the border of an element to Hex 78C3AB 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
#78C3AB }
```

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

```
.border{ border-color:#78C3AB }
```

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

Here you see how a box with a 4 pixel #78C3AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78C3AB; -webkit-box-shadow:4px 4px  
4px 4px #78C3AB; box-shadow:4px 4px 4px  
4px #78C3AB }
```

Background

The CSS property to change the background color of an element to Hex 78C3AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78C3AB }
```

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

```
.background{ background-color:#78C3AB }
```

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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