

Converting Colors

Hex(78AEB2)

Have a look what the booklet for
Hex(78AEB2) contains.

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Color

Hex(78AEB2)

Conversions

Conversions Part 1

Format	Color
Hex	78AEB2
RGB	120, 174, 178
RGB Percent	47%, 68%, 70%
CMY	0.5294, 0.3176, 0.3020
CMYK	0.33, 0.02, 0.00, 0.30
HSL	184°, 27%, 58%
HSV	184°, 33%, 70%
XYZ	30.9177, 37.4795, 47.7242
YIQ	158.3100, -33.4680, -10.2040

Conversions

Conversions Part 2

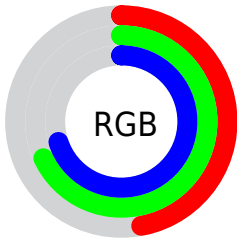
Format	Color
RYB	120, 148, 178
Decimal	7909042
CIELab	67.64, -16.63, -7.72
CIElCh	68, 18.334, 204.916
Yxy	37.4795, 0.2663, 0.3228
Android (android.graphics.Color)	4286099122 (0xFF78AEB2)
YUV	158.3100, 9.7072, -33.5979
Hunter-Lab	61.2205, -16.9896, -3.3649

Details

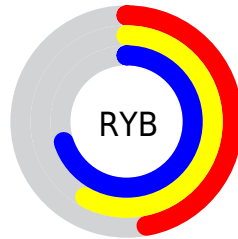
The Hex color **78AEB2** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B27C78**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **AEE6EA**, and **44797D** is the 20% darker color. If you saturate the color by 10%, you get **66ADB2**, and if you desaturate by 10%, it is **8AAFB2**.

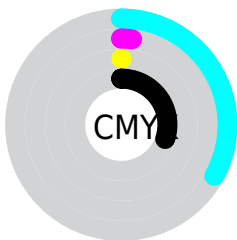
Distribution



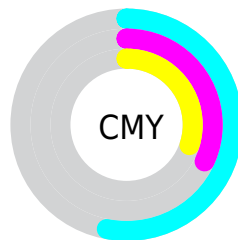
- Red (47%)
- Green (68%)
- Blue (70%)



- Red (47%)
- Yellow (58%)
- Blue (70%)



- Cyan (33%)
- Magenta (2%)
- Yellow (0%)
- Black (30%)




- Cyan (53%)
- Magenta (32%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78AEB2 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 78AEB2 by changing the saturation by 10% instead.

 78AEB2

 78AEB2

FFFFFF

 5E9397

 AEE6EA

 44797D

 CAFFFF

 2A6164

 E7FFFF

 0C494D

 003236

 001E21

 000009

 000000

 78AEB2

 78AEB2

66ADB2

8AAFB2

54ACB2

9CB0B2

43AAB2

ADB2B2

31A9B2

BFB3B2

1FA8B2

D1B4B2

0DA7B2

E3B5B2

00A6B2

F5B7B2

FFB8B2

FFB9B2

Harmonies

Analogous

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



80AEA1



78AEB2



7DACBF

Triad

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



78AEB2



B89CB8



B4A384

Complementary

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



78AEB2



B27C78

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.



C19D8A



78AEB2



C499A8

Square

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



78AEB2



A4A1C3



C79A98



A3A887

Rectangle

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



78AEB2



88A9C4



C79A98



B9A185

Sweetspot

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



78AEB2



D1E6E8



78B27C



677475



F5F5F5



757575

Same Dimension

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



78AEB2



8EE2E8



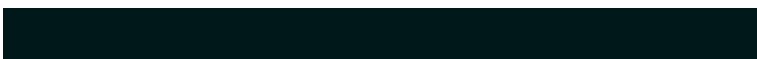
7891B2



505959



008E99



00181A

Inverse Universe

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



B278AE



E88EE2



B29978



595059



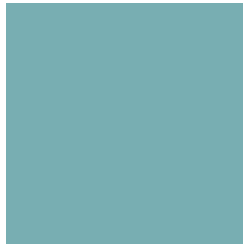
99008E



1A0018

Previews

White Background



This preview shows how the Hex color 78AEB2 looks on a white background.

Color Contrast Check

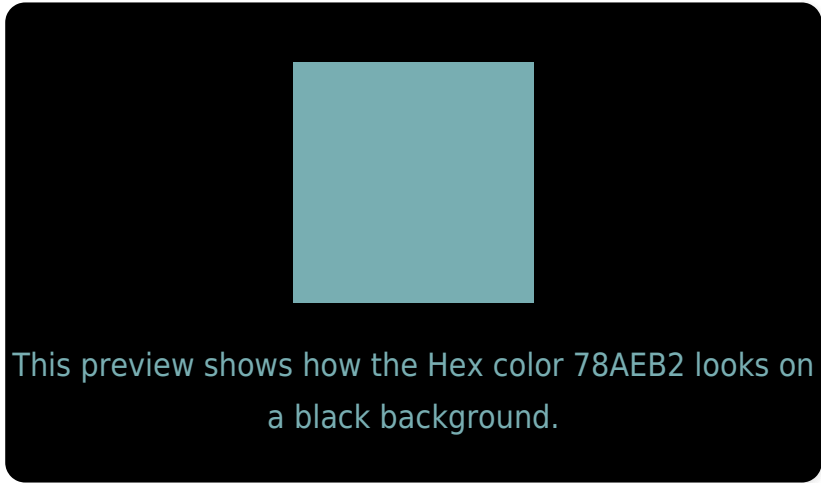
Large Text (above 18pt) WCAG AA × Fail

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

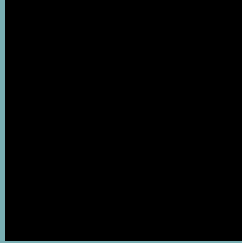
Any Text WCAG AA ✓ Pass

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 78AEB2 Background



This preview shows how black text looks on a background with the Hex color 78AEB2.

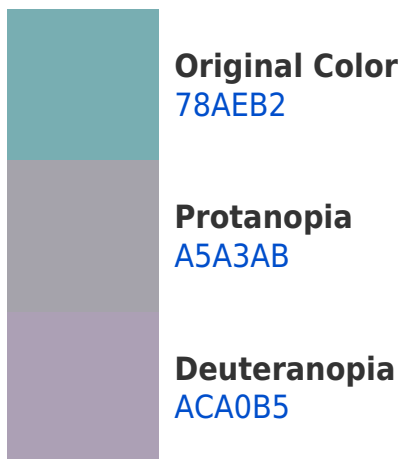


This preview shows how white text looks on a background with the Hex color 78AEB2.

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](#).

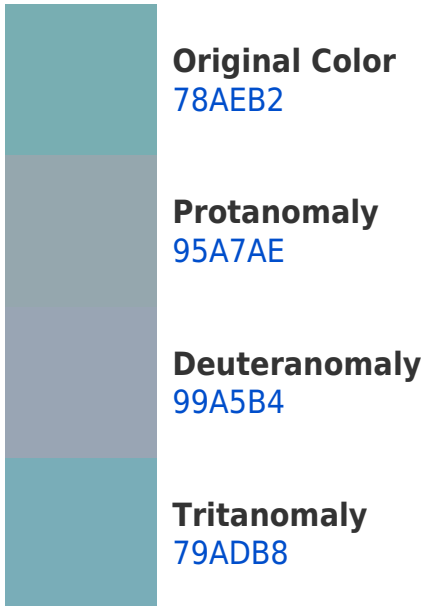
Dichromacy



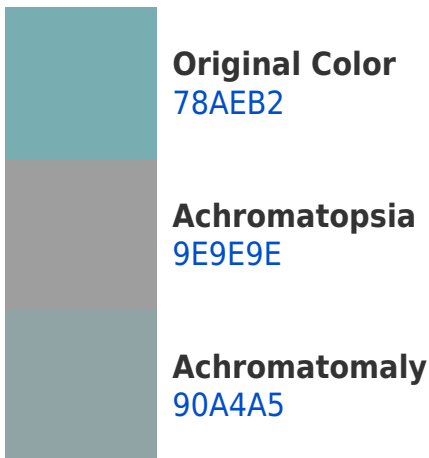


Tritanopia
7AADB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78AEB2 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 #78AEB2 looks like.

```
.text, #text, p{  
    color:#78AEB2  
}
```

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 #78AEB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78AEB2
}
```

Border

The CSS property to change the border of an element to Hex 78AEB2 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
#78AEB2 }
```

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

```
.border{ border-color:#78AEB2 }
```

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

Here you see how a box with a 4 pixel #78AEB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78AEB2; -webkit-box-shadow:4px 4px  
4px 4px #78AEB2; box-shadow:4px 4px 4px  
4px #78AEB2 }
```

Background

The CSS property to change the background color of an element to Hex 78AEB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78AEB2 }
```

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

```
.background{ background-color:#78AEB2 }
```

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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