

Converting Colors

Hex(78AEA7)

Have a look what the booklet for
Hex(78AEA7) contains.

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Color

Hex(78AEA7)

Conversions

Conversions Part 1

Format	Color
Hex	78AEA7
RGB	120, 174, 167
RGB Percent	47%, 68%, 65%
CMY	0.5294, 0.3176, 0.3451
CMYK	0.31, 0.00, 0.04, 0.32
HSL	172°, 25%, 58%
HSV	172°, 31%, 68%
XYZ	29.8568, 37.0552, 42.1380
YIQ	157.0560, -29.9370, -13.6250

Conversions

Conversions Part 2

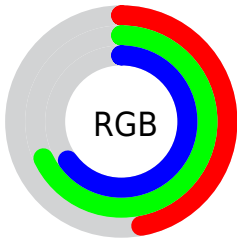
Format	Color
RYB	120, 149, 174
Decimal	7909031
CIELab	67.32, -19.24, -2.10
CIElCh	67, 19.355, 186.214
Yxy	37.0552, 0.2738, 0.3398
Android (android.graphics.Color)	4286099111 (0xFF78AEA7)
YUV	157.0560, 4.9024, -32.4981
Hunter-Lab	60.8730, -18.9775, 1.5689

Details

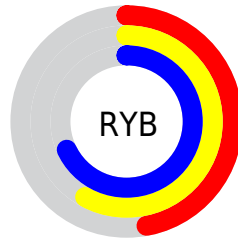
The Hex color **78AEA7** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AE787F**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **AEE6DE**, and **457973** is the 20% darker color. If you saturate the color by 10%, you get **67AEA5**, and if you desaturate by 10%, it is **89AEA9**.

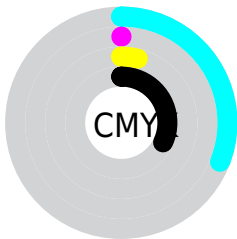
Distribution



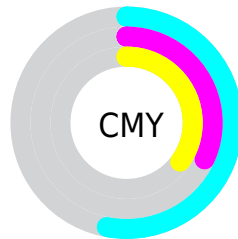
- Red (47%)
- Green (68%)
- Blue (65%)



- Red (47%)
- Yellow (58%)
- Blue (68%)



- Cyan (31%)
- Magenta (0%)
- Yellow (4%)
- Black (32%)



- Cyan (53%)
- Magenta (32%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78AEA7 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 78AEA7 by changing the saturation by 10% instead.



78AEA7



78AEA7

FFFFFF



5E938D



AEE6DE



457973



CAFFFB



2B605B



E6FFFF



104843



00322D



001E18



000000



78AEA7



78AEA7



67AEA5



89AEA9

■ 55AEA2

■ 9BAEAC

■ 44AEA0

■ ACAEAE

■ 32AE9E

■ BEAEB0

■ 21AE9C

■ CFAEB2

■ 10AE99

■ E0AEB5

■ 00AE97

■ F2AEB7

■ FFAEB9

■ FFAEBB

Harmonies

Analogous

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



87AD95



78AEA7



74ADB8

Triad

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



78AEA7



AC9EC0



BE9E85

Complementary

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



78AEA7



AE787F

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.



C79990



78AEA7



BE99B2

Square

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



78AEA7



95A4C6



C798A1



AEA481

Rectangle

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



78AEA7



7AABC0



C798A1



C29C88

Sweetspot

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



78AEA7



CFE3E0



7FAE78



667371



F2F2F2



737373

Same Dimension

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



78AEA7



8FE3D8



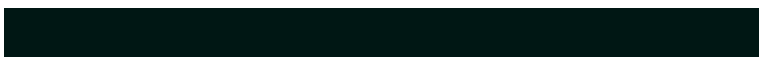
789AAE



4E5756



009683



001714

Inverse Universe

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



AE787F



E38F9A



AE8C78



574E4F



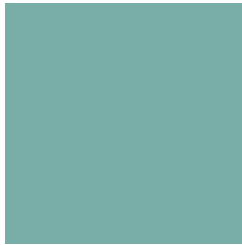
960014



170003

Previews

White Background



This preview shows how the Hex color 78AEA7 looks on a white background.

Color Contrast Check

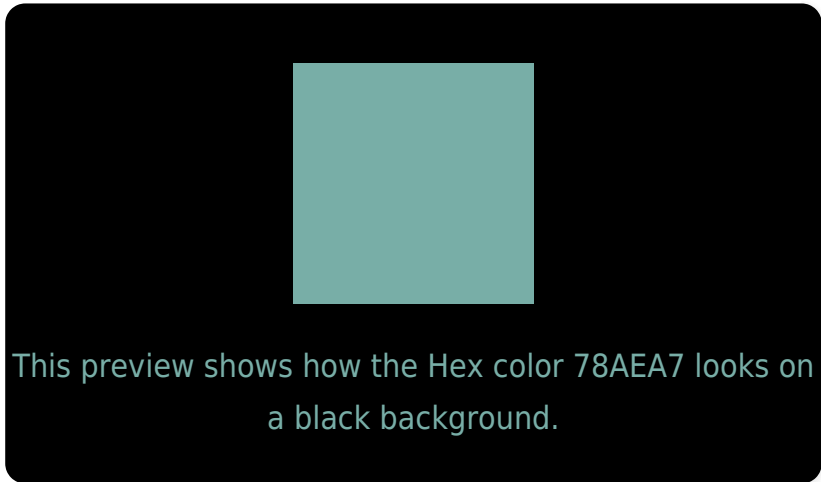
Large Text (above 18pt) WCAG AA × Fail

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

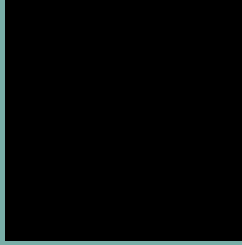
Any Text WCAG AA ✓ Pass

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 78AEA7 Background



This preview shows how black text looks on a background with the Hex color 78AEA7.



This preview shows how white text looks on a background with the Hex color 78AEA7.

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](#).

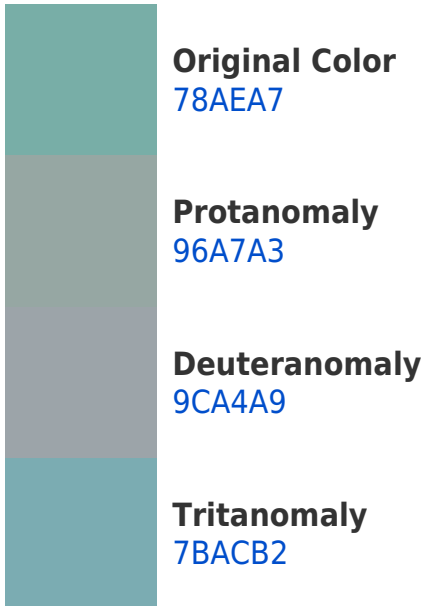
Dichromacy



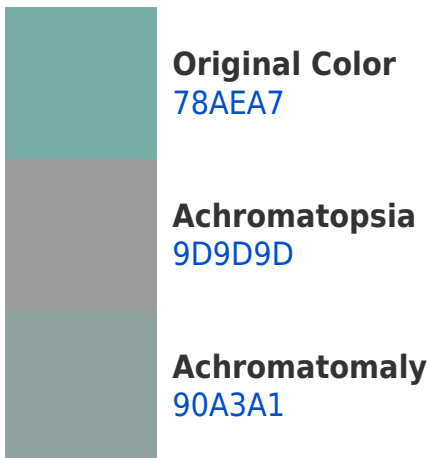


Tritanopia
7CABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78AEA7 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 #78AEA7 looks like.

```
.text, #text, p{  
    color:#78AEA7  
}
```

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 #78AEA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78AEA7  
}
```

Border

The CSS property to change the border of an element to Hex 78AEA7 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  
#78AEA7 }
```

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

```
.border{ border-color:#78AEA7 }
```

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

Here you see how a box with a 4 pixel #78AEA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78AEA7; -webkit-box-shadow:4px 4px  
4px 4px #78AEA7; box-shadow:4px 4px 4px  
4px #78AEA7 }
```

Background

The CSS property to change the background color of an element to Hex 78AEA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78AEA7 }
```

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

```
.background{ background-color:#78AEA7 }
```

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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