

Converting Colors

Hex(78AA7D)

Have a look what the booklet for
Hex(78AA7D) contains.

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Color

Hex(78AA7D)

Conversions

Conversions Part 1

Format	Color
Hex	78AA7D
RGB	120, 170, 125
RGB Percent	47%, 67%, 49%
CMY	0.5294, 0.3333, 0.5098
CMYK	0.29, 0.00, 0.26, 0.33
HSL	126°, 23%, 57%
HSV	126°, 29%, 67%
XYZ	25.8221, 34.2232, 24.6468
YIQ	149.9200, -15.3550, -24.5950

Conversions

Conversions Part 2

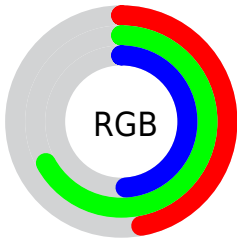
Format	Color
RYB	120, 165, 170
Decimal	7907965
CIELab	65.14, -25.91, 18.01
CIELCh	65, 31.549, 145.197
Yxy	34.2232, 0.3049, 0.4041
Android (android.graphics.Color)	4286098045 (0xFF78AA7D)
YUV	149.9200, -12.2856, -26.2398
Hunter-Lab	58.5006, -23.5862, 15.9710

Details

The Hex color **78AA7D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AA78A5**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **ADE2B2**, and **45764C** is the 20% darker color. If you saturate the color by 10%, you get **67AA6E**, and if you desaturate by 10%, it is **89AA8C**.

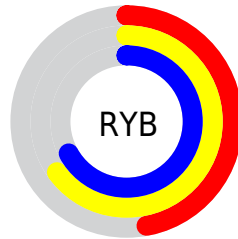
Distribution



Red (47%)

Green (67%)

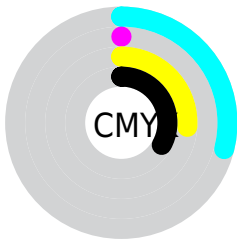
Blue (49%)



Red (47%)

Yellow (65%)

Blue (67%)

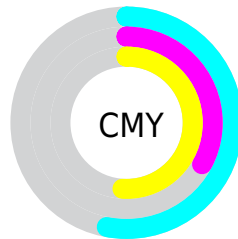


Cyan (29%)

Magenta (0%)

Yellow (26%)

Black (33%)



Cyan (53%)

Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78AA7D 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 78AA7D by changing the saturation by 10% instead.

 78AA7D

 78AA7D

FFFFFF

 5E8F64

 ADE2B2

 45764C

 C9FECD

 2D5D35

 E6FFEA

 14451F

 002E08

 001B00

 000000

 78AA7D

 78AA7D

 67AA6E

 89AA8C

■ 56AA5E

■ 9AAA9C

■ 45AA4F

■ ABAAAB

■ 34AA40

■ BCAABA

■ 23AA30

■ CDAACA

■ 12AA21

■ DEAAD9

■ 01AA12

■ EFAAE8

■ 00AA11

■ FFAAF7

■ FFAAFF

Harmonies

Analogous

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



99A46A



78AA7D



56AD98

Triad

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



78AA7D



70A2D6



D68A87

Complementary

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



78AA7D



AA78A5

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.



D289A4



78AA7D



9B98D1

Square

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



78AA7D



48A9CC



BE8FBF



CB9171

Rectangle

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



78AA7D



42ADAC



BE8FBF



D68991

Sweetspot

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



78AA7D



CADECC



A5AA78



647065



F0F0F0



707070

Same Dimension

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



78AA7D



90DE98



78AA96



4C544D



00940F



001402

Inverse Universe

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



AA78A5



DE90D6



AA788C



544C53



940085



140012

Previews

White Background



This preview shows how the Hex color 78AA7D looks on a white background.

Color Contrast Check

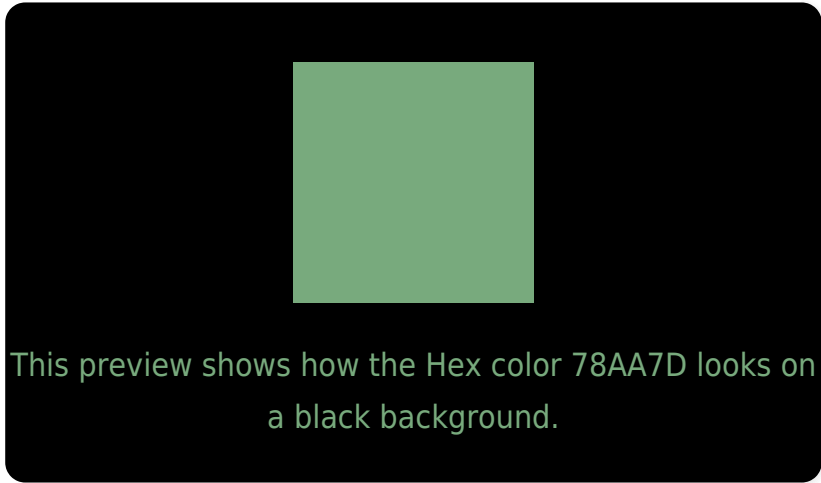
Large Text (above 18pt) WCAG AA × Fail

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

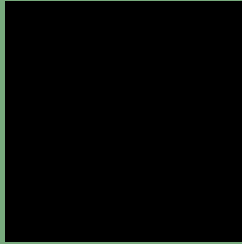
Any Text WCAG AA ✓ Pass

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 78AA7D Background



This preview shows how black text looks on a background with the Hex color 78AA7D.

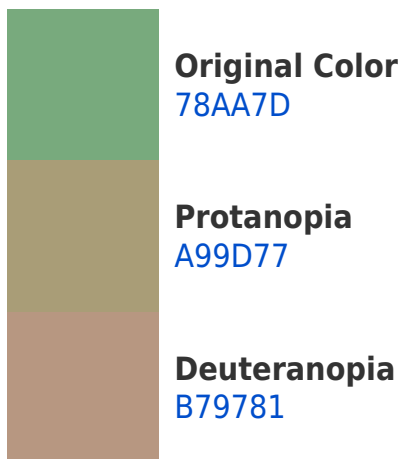


This preview shows how white text looks on a background with the Hex color 78AA7D.

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](#).

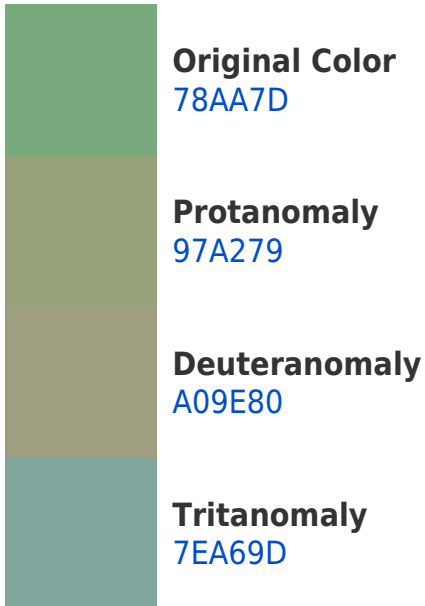
Dichromacy





Tritanopia
82A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78AA7D 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 #78AA7D looks like.

```
.text, #text, p{  
    color:#78AA7D  
}
```

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 #78AA7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78AA7D
}
```

Border

The CSS property to change the border of an element to Hex 78AA7D 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
#78AA7D }
```

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

```
.border{ border-color:#78AA7D }
```

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

Here you see how a box with a 4 pixel #78AA7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78AA7D; -webkit-box-shadow:4px 4px  
4px 4px #78AA7D; box-shadow:4px 4px 4px  
4px #78AA7D }
```

Background

The CSS property to change the background color of an element to Hex 78AA7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78AA7D }
```

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

```
.background{ background-color:#78AA7D }
```

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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