

# Converting Colors

Hex(78D4A3)

Have a look what the booklet for  
Hex(78D4A3) contains.

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**Color**

**Hex(78D4A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78D4A3
RGB	120, 212, 163
RGB Percent	47%, 83%, 64%
CMY	0.5294, 0.1686, 0.3608
CMYK	0.43, 0.00, 0.23, 0.17
HSL	148°, 52%, 65%
HSV	148°, 43%, 83%
XYZ	37.9001, 53.7244, 43.0226
YIQ	178.9060, -39.1030, -34.7430

# Conversions

## Conversions Part 2

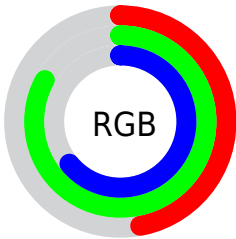
Format	Color
<a href="#">RYB</a>	<a href="#">120, 183, 212</a>
Decimal	<a href="#">7918755</a>
CIELab	<a href="#">78.30, -38.45, 15.83</a>
CIELCh	<a href="#">78, 41.580, 157.626</a>
Yxy	<a href="#">53.7244, 0.2815, 0.3990</a>
Android (android.graphics.Color)	<a href="#">4286108835 (0xFF78D4A3)</a>
YUV	<a href="#">178.9060, -7.8417, -51.6606</a>
Hunter-Lab	<a href="#">73.2969, -35.9716, 16.5068</a>

# Details

The Hex color **78D4A3** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D478A9**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **B0FFDA**, and **409D6F** is the 20% darker color. If you saturate the color by 10%, you get **63D498**, and if you desaturate by 10%, it is **8DD4AE**.

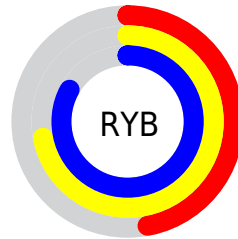
# Distribution



Red (47%)

Green (83%)

Blue (64%)



Red (47%)

Yellow (72%)

Blue (83%)

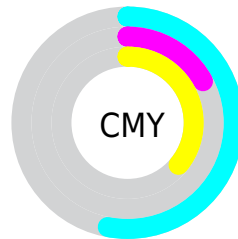


Cyan (43%)

Magenta (0%)

Yellow (23%)

Black (17%)



Cyan (53%)

Magenta (17%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78D4A3 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 78D4A3 by changing the saturation by 10% instead.





78D4A3



78D4A3

FFFFFF



5CB889



B0FFDA



409D6F



CDFFF7



218257



EAFFFF



00693F



005029



003814



002400



000000



78D4A3



78D4A3

 63D498

 8DD4AE

 4ED48C

 A2D4BA

 38D481

 B8D4C5

 23D476

 CDD4D0

 0ED46B

 E2D4DB

 00D463

 F7D4E7

 FFD4F2

 FFD4FD

 FFD4FF

# Harmonies

## Analogous

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



A8CD83



78D4A3



41D6CB

# Triad

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



78D4A3



9AC2FF



FFA994

# Complementary

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



78D4A3



D478A9

# 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.



FFA3B9



78D4A3



D3B4FF

# Square

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



78D4A3



55CEFF



FAA8E0



F3B57B

# Rectangle

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



78D4A3



1AD6E4



FAA8E0



FFA6A0

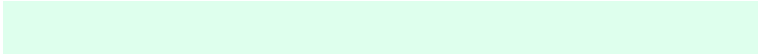


# Sweetspot

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



78D4A3



DEFFED



A9D478



6B8075



000000



808080



# Same Dimension

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



78D4A3



7AFFB8



78D4D1



606B65



00AB50



002B14



# Inverse Universe

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



D478A9



FF7AC1



D4787B



6B6066



AB005B



2B0017



# Previews

## White Background



This preview shows how the Hex color 78D4A3 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 78D4A3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

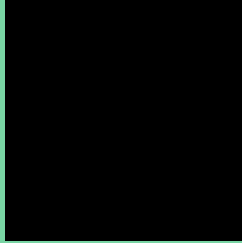
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 78D4A3 Background



This preview shows how black text looks on a background with the Hex color 78D4A3.

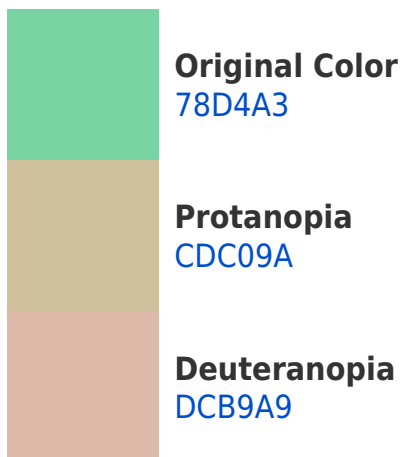


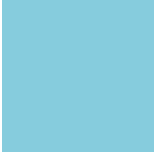
This preview shows how white text looks on a background with the Hex color 78D4A3.

# 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**  
86CCDD

# Trichromacy



**Original Color**  
78D4A3



**Protanomaly**  
AEC79D



**Deuteranomaly**  
B8C3A7



**Tritanomaly**  
81CFC8

# Monochromacy



**Original Color**  
78D4A3



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
9EBFAD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78D4A3 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 #78D4A3 looks like.

```
.text, #text, p{  
    color:#78D4A3  
}
```

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 #78D4A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78D4A3
}
```

## Border

The CSS property to change the border of an element to Hex 78D4A3 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
#78D4A3 }
```

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

```
.border{ border-color:#78D4A3 }
```

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

Here you see how a box with a 4 pixel #78D4A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78D4A3; -webkit-box-shadow:4px 4px  
4px 4px #78D4A3; box-shadow:4px 4px 4px  
4px #78D4A3 }
```

# Background

The CSS property to change the background color of an element to Hex 78D4A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78D4A3 }
```

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

```
.background{ background-color:#78D4A3 }
```

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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