

Converting Colors

Hex(78D4B3)

Have a look what the booklet for
Hex(78D4B3) contains.

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Color

Hex(78D4B3)

Conversions

Conversions Part 1

Format	Color
Hex	78D4B3
RGB	120, 212, 179
RGB Percent	47%, 83%, 70%
CMY	0.5294, 0.1686, 0.2980
CMYK	0.43, 0.00, 0.16, 0.17
HSL	158°, 52%, 65%
HSV	158°, 43%, 83%
XYZ	39.4259, 54.3347, 51.0575
YIQ	180.7300, -44.2390, -29.7670

Conversions

Conversions Part 2

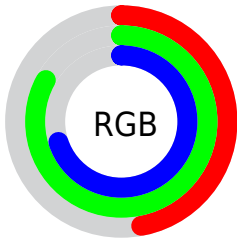
Format	Color
RYB	120, 176, 212
Decimal	7918771
CIELab	78.66, -35.11, 7.82
CIELCh	79, 35.969, 167.443
Yxy	54.3347, 0.2722, 0.3752
Android (android.graphics.Color)	4286108851 (0xFF78D4B3)
YUV	180.7300, -0.8529, -53.2602
Hunter-Lab	73.7121, -33.5230, 10.5306

Details

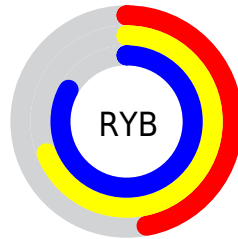
The Hex color **78D4B3** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D47899**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **B0FFEB**, and **409D7E** is the 20% darker color. If you saturate the color by 10%, you get **63D4AB**, and if you desaturate by 10%, it is **8DD4BB**.

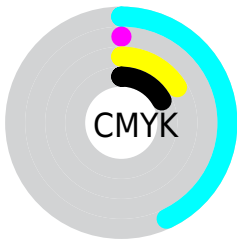
Distribution



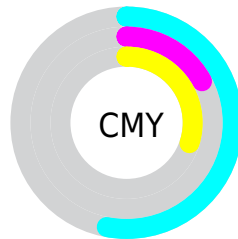
- Red (47%)
- Green (83%)
- Blue (70%)



- Red (47%)
- Yellow (69%)
- Blue (83%)



- Cyan (43%)
- Magenta (0%)
- Yellow (16%)
- Black (17%)



- Cyan (53%)
- Magenta (17%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78D4B3 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 78D4B3 by changing the saturation by 10% instead.

 78D4B3

 78D4B3

FFFFFF

 5CB898

 B0FFEB

 409D7E

 CDFFFF

 208265

 EAFFFF

 00694D

 005037

 003821

 00240B

 000000

 78D4B3

 78D4B3

 63D4AB

 8DD4BB

 4ED4A4

 A2D4C2

 38D49C

 B8D4CA

 23D495

 CDD4D1

 0ED48D

 E2D4D9

 00D488

 F7D4E1

 FFD4E8

 FFD4F0

 FFD4F7

Harmonies

Analogous

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



A0CF94



78D4B3



56D5D5

Triad

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



78D4B3



B3BFFF



FDB193

Complementary

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



78D4B3



D47899

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.



FFAAB0



78D4B3



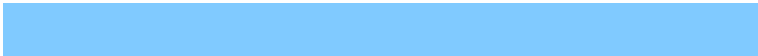
DFB3F0

Square

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



78D4B3



80CAFF



FCABD2



E6BC82

Rectangle

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



78D4B3



50D3EA



FCABD2



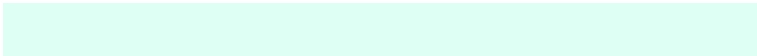
FFAE9C

Sweetspot

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



78D4B3



DEFFF3



9AD478



6B8078



000000



808080

Same Dimension

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



78D4B3



7AFFCF



78C8D4



606B67



00AB6E



002B1C

Inverse Universe

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



D47899



FF7AAA



D48478



6B6064



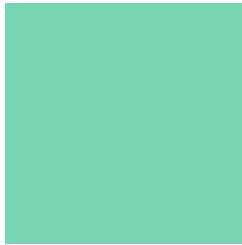
AB003D



2B0010

Previews

White Background



This preview shows how the Hex color 78D4B3 looks on a white background.

Color Contrast Check

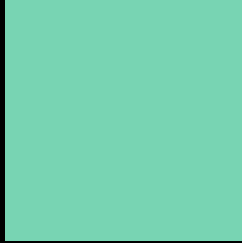
Large Text (above 18pt) WCAG AA × Fail

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 78D4B3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

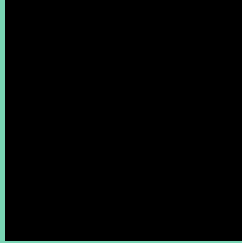
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

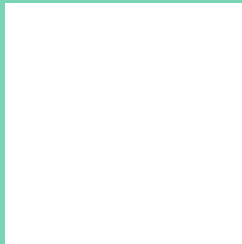
Any Text WCAG AAA ✓ Pass

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

Hex 78D4B3 Background



This preview shows how black text looks on a background with the Hex color 78D4B3.

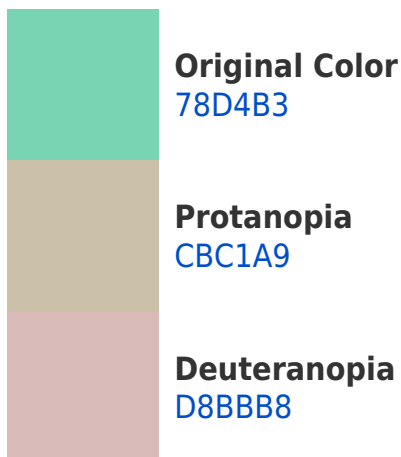


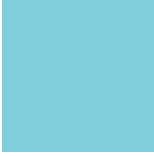
This preview shows how white text looks on a background with the Hex color 78D4B3.

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
83CEDE

Trichromacy



Original Color
78D4B3



Protanomaly
ADC8AD



Deuteranomaly
B5C4B6

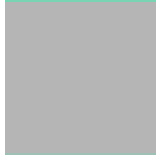


Tritanomaly
7FD0CE

Monochromacy



Original Color
78D4B3



Achromatopsia
B5B5B5



Achromatomaly
9FC0B4

CSS Examples

Text

The CSS property to change the color of the text to Hex 78D4B3 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 #78D4B3 looks like.

```
.text, #text, p{  
    color:#78D4B3  
}
```

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 #78D4B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78D4B3
}
```

Border

The CSS property to change the border of an element to Hex 78D4B3 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
#78D4B3 }
```

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

```
.border{ border-color:#78D4B3 }
```

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

Here you see how a box with a 4 pixel #78D4B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78D4B3; -webkit-box-shadow:4px 4px  
4px 4px #78D4B3; box-shadow:4px 4px 4px  
4px #78D4B3 }
```

Background

The CSS property to change the background color of an element to Hex 78D4B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78D4B3 }
```

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

```
.background{ background-color:#78D4B3 }
```

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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