

Converting Colors

Hex(78D78D)

Have a look what the booklet for
Hex(78D78D) contains.

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Color

Hex(78D78D)

Conversions

Conversions Part 1

Format	Color
Hex	78D78D
RGB	120, 215, 141
RGB Percent	47%, 84%, 55%
CMY	0.5294, 0.1569, 0.4471
CMYK	0.44, 0.00, 0.34, 0.16
HSL	133°, 54%, 66%
HSV	133°, 44%, 84%
XYZ	36.8539, 54.5170, 33.7797
YIQ	178.1590, -32.8660, -43.1540

Conversions

Conversions Part 2

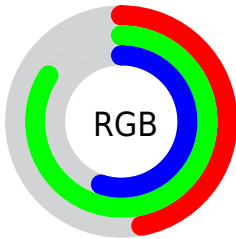
Format	Color
RYB	120, 198, 215
Decimal	7919501
CIELab	78.76, -43.86, 27.99
CIELCh	79, 52.028, 147.453
Yxy	54.5170, 0.2945, 0.4356
Android (android.graphics.Color)	4286109581 (0xFF78D78D)
YUV	178.1590, -18.3194, -51.0054
Hunter-Lab	73.8357, -40.1170, 24.5598

Details

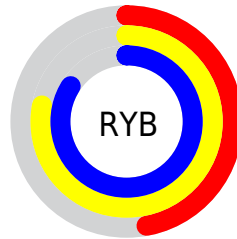
The Hex color **78D78D** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D778C2**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B0FFC3**, and **3F9F5A** is the 20% darker color. If you saturate the color by 10%, you get **63D77C**, and if you desaturate by 10%, it is **8ED79E**.

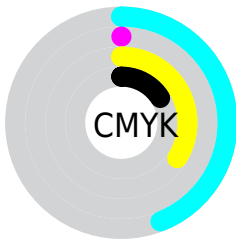
Distribution



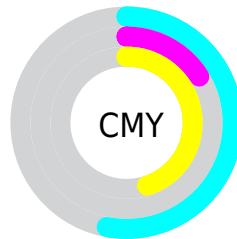
- Red (47%)
- Green (84%)
- Blue (55%)



- Red (47%)
- Yellow (78%)
- Blue (84%)



- Cyan (44%)
- Magenta (0%)
- Yellow (34%)
- Black (16%)



- Cyan (53%)
- Magenta (16%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78D78D 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 78D78D by changing the saturation by 10% instead.

 78D78D

 78D78D

FFFFFF

 5CBB73

 B0FFC3

 3F9F5A

 CDFDFD

 1F8542

 EAFFFC

 006B2B

 005214

 003A00

 002500

 000000

 78D78D

 78D78D

 63D77C

 8ED79E

 4DD76C

 A3D7AE

 37D75B

 B9D7BF

 22D74A

 CED7D0

 0CD739

 E4D7E1

 00D730

 F9D7F1

 FFD7FF

Harmonies

Analogous

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



B3CD6A



78D78D



00DCBD

Triad

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



78D78D



67C9FF



FF9F99

Complementary

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



78D78D



D778C2

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.



FF9BC9



78D78D



C1B8FF

Square

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



78D78D



00D5FF



FBA6F8



FFAD72

Rectangle

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



78D78D



00DCDE



FBA6F8



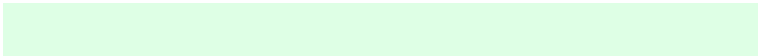
FF9CA8

Sweetspot

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



78D78D



DEFFE5



C2D778



6B8070



000000



808080

Same Dimension

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



78D78D



78FF96



78D7BC



606B63



00AB26



002B0A

Inverse Universe

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



D778C2



FF78E1



D77893



6B6069



AB0085



2B0022

Previews

White Background



This preview shows how the Hex color 78D78D 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 78D78D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

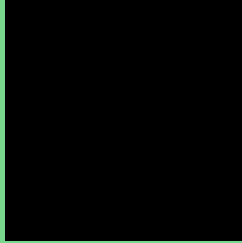
Any Text WCAG AA ✓ Pass

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 78D78D Background



This preview shows how black text looks on a background with the Hex color 78D78D.

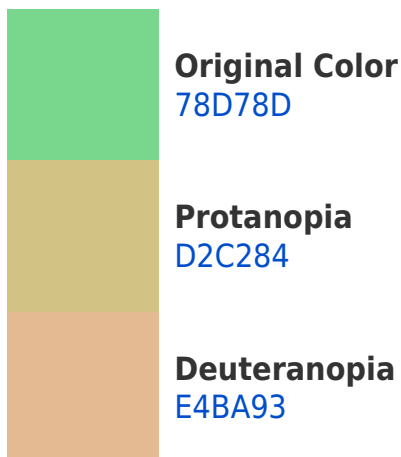


This preview shows how white text looks on a background with the Hex color 78D78D.

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

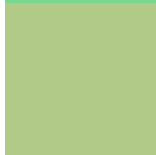


Trichromacy



Original Color

78D78D



Protanomaly

B1CA87



Deuteranomaly

BDC591



Tritanomaly

83D1C1

Monochromacy



Original Color

78D78D



Achromatopsia

B2B2B2



Achromatomaly

9DBFA5

CSS Examples

Text

The CSS property to change the color of the text to Hex 78D78D 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 #78D78D looks like.

```
.text, #text, p{  
    color:#78D78D  
}
```

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 #78D78D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78D78D
}
```

Border

The CSS property to change the border of an element to Hex 78D78D 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
#78D78D }
```

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

```
.border{ border-color:#78D78D }
```

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

Here you see how a box with a 4 pixel #78D78D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78D78D; -webkit-box-shadow:4px 4px  
4px 4px #78D78D; box-shadow:4px 4px 4px  
4px #78D78D }
```

Background

The CSS property to change the background color of an element to Hex 78D78D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78D78D }
```

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

```
.background{ background-color:#78D78D }
```

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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