

# Converting Colors

Hex(84D98D)

Have a look what the booklet for  
Hex(84D98D) contains.

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**Color**

**Hex(84D98D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84D98D
RGB	132, 217, 141
RGB Percent	52%, 85%, 55%
CMY	0.4824, 0.1490, 0.4471
CMYK	0.39, 0.00, 0.35, 0.15
HSL	126°, 53%, 68%
HSV	126°, 39%, 85%
XYZ	39.1363, 56.4543, 34.0334
YIQ	182.9210, -26.2640, -41.6560

# Conversions

## Conversions Part 2

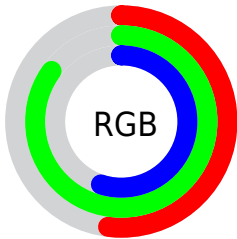
Format	Color
<a href="#">RYB</a>	<a href="#">132, 209, 217</a>
Decimal	<a href="#">8706445</a>
CIELab	<a href="#">79.87, -41.26, 29.57</a>
CIELCh	<a href="#">80, 50.761, 144.378</a>
Yxy	<a href="#">56.4543, 0.3019, 0.4355</a>
Android (android.graphics.Color)	<a href="#">4286896525 (0xFF84D98D)</a>
YUV	<a href="#">182.9210, -20.6671, -44.6577</a>
Hunter-Lab	<a href="#">75.1361, -38.5125, 25.7395</a>

# Details

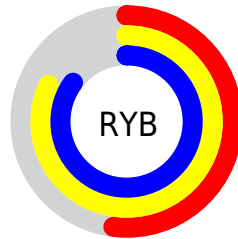
The Hex color **84D98D** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D984D0**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **BCFFC3**, and **4DA15A** is the 20% darker color. If you saturate the color by 10%, you get **6ED97A**, and if you desaturate by 10%, it is **9AD9A0**.

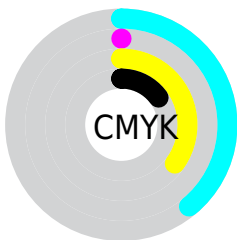
# Distribution



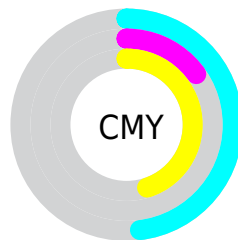
- Red (52%)
- Green (85%)
- Blue (55%)



- Red (52%)
- Yellow (82%)
- Blue (85%)



- Cyan (39%)
- Magenta (0%)
- Yellow (35%)
- Black (15%)



- Cyan (48%)
- Magenta (15%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84D98D 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 84D98D by changing the saturation by 10% instead.



 84D98D

 84D98D

FFFFFF

 69BD73

 BCFFC3

 4DA15A

 D9FFDF

 318742

 F6FFFC

 0D6D2A

 005413

 003C00

 002700

 000000

 84D98D

 84D98D

 6ED97A

 9AD9A0

 59D966

 AFD9B4

 43D953

 C5D9C7

 2DD93F

 DBD9DB

 18D92C

 F1D9EE

 02D919

 FFD9FF

 00D917

# Harmonies

## Analogous

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



BCCF6D



84D98D



2FDEBB

# Triad

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



84D98D



64CEFF



FFA2A1

# Complementary

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



84D98D



D984D0

# 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.



FFA0D1



84D98D



BDBDFF

# Square

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



84D98D



00D9FF



F9ABFE



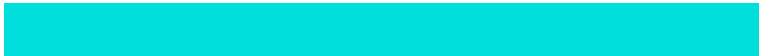
FFAF7A

# Rectangle

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



84D98D



00DFDC



F9ABFE



FFA0B1

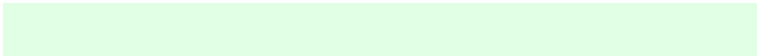


# Sweetspot

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



84D98D



E0FFE4



D1D984



6E8070



000000



808080



# Same Dimension

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



84D98D



87FF94



84D9B7



636E64



00AD12



002E05



# Inverse Universe

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



D984D0



FF87F2



D984A6



6E636C



AD009B



2E0029



# Previews

## White Background



This preview shows how the Hex color 84D98D 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 84D98D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

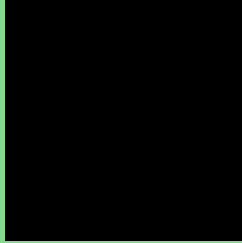
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 84D98D Background



This preview shows how black text looks on a background with the Hex color 84D98D.

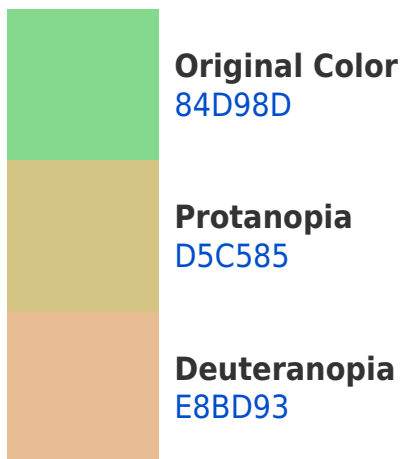


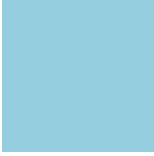
This preview shows how white text looks on a background with the Hex color 84D98D.

# 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](#).

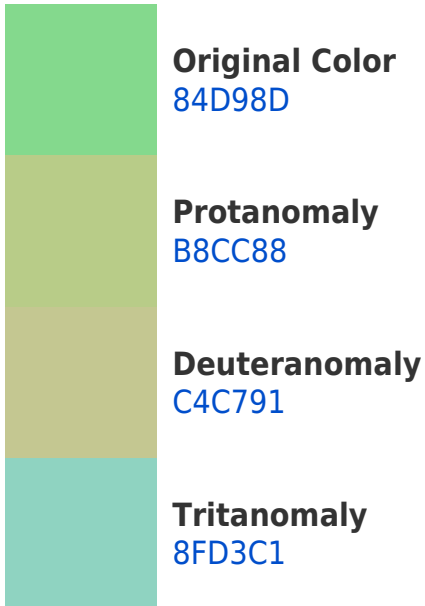
## Dichromacy



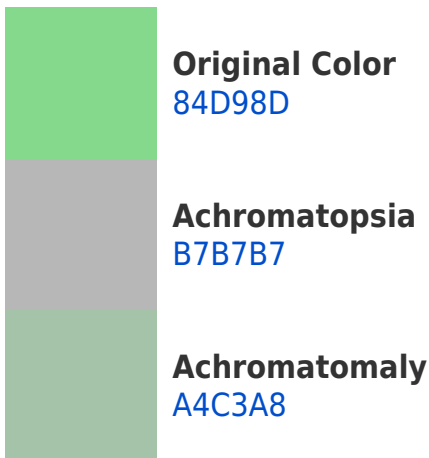


**Tritanopia**  
95CFDF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84D98D 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 #84D98D looks like.

```
.text, #text, p{  
    color:#84D98D  
}
```

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 #84D98D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84D98D
}
```

## Border

The CSS property to change the border of an element to Hex 84D98D 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
#84D98D }
```

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

```
.border{ border-color:#84D98D }
```

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

Here you see how a box with a 4 pixel #84D98D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84D98D; -webkit-box-shadow:4px 4px  
4px 4px #84D98D; box-shadow:4px 4px 4px  
4px #84D98D }
```

# Background

The CSS property to change the background color of an element to Hex 84D98D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84D98D }
```

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

```
.background{ background-color:#84D98D }
```

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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