

# Converting Colors

Hex(84D2AD)

Have a look what the booklet for  
Hex(84D2AD) contains.

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**Color**

**Hex(84D2AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84D2AD
RGB	132, 210, 173
RGB Percent	52%, 82%, 68%
CMY	0.4824, 0.1765, 0.3216
CMYK	0.37, 0.00, 0.18, 0.18
HSL	152°, 46%, 67%
HSV	152°, 37%, 82%
XYZ	40.1051, 54.0159, 47.8475
YIQ	182.4600, -34.6110, -28.0430

# Conversions

## Conversions Part 2

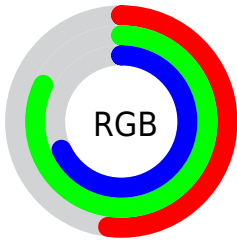
<b>Format</b>	<b>Color</b>
<b>RYB</b>	132, 183, 210
Decimal	8704685
CIELab	78.47, -32.18, 10.83
CIElCh	78, 33.953, 161.404
Yxy	54.0159, 0.2825, 0.3805
Android (android.graphics.Color)	4286894765 (0xFF84D2AD)
YUV	182.4600, -4.6638, -44.2534
Hunter-Lab	73.4955, -31.2129, 12.8475

# Details

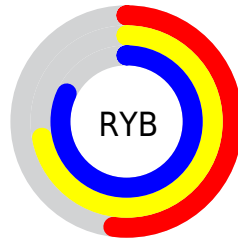
The Hex color **84D2AD** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D284A9**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **BCFFE4**, and **4E9B79** is the 20% darker color. If you saturate the color by 10%, you get **6FD2A3**, and if you desaturate by 10%, it is **99D2B7**.

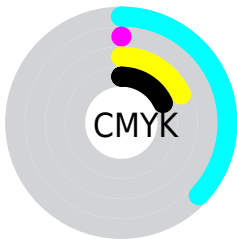
# Distribution



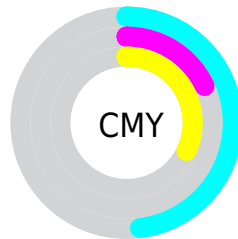
- Red (52%)
- Green (82%)
- Blue (68%)



- Red (52%)
- Yellow (72%)
- Blue (82%)



- Cyan (37%)
- Magenta (0%)
- Yellow (18%)
- Black (18%)



- Cyan (48%)
- Magenta (18%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84D2AD 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 84D2AD by changing the saturation by 10% instead.





84D2AD



84D2AD

FFFFFF



69B692



BCFFE4



4E9B79



D8FFFF



338160



F5FFFF



146748



004F31



00371C



002303



000000



84D2AD



84D2AD

 6FD2A3

 99D2B7

 5AD299

 AED2C1

 45D28F

 C3D2CB

 30D285

 D8D2D5

 1BD27B

 EDD2DF

 06D271

 FFD2E9

 00D26E

 FFD2F3

 FFD2FD

 FFD2FF

# Harmonies

## Analogous

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



A9CD92



84D2AD



64D4CD

# Triad

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



84D2AD



ABC1FF



FCB09A

# Complementary

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



84D2AD



D284A9

# 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.



FFABB7



84D2AD



D6B6F2

# Square

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



84D2AD



7CCBFD



F4ADD7



E9B987

# Rectangle

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



84D2AD



5AD2E2



F4ADD7



FFADA3



# Sweetspot

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



84D2AD



E3FFF2



AAD284



6F8078



000000



808080

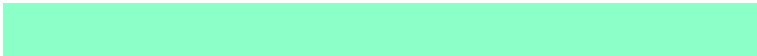


# Same Dimension

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



84D2AD



8CFFC9



84D1D2



5E6964



00A858



002915



# Inverse Universe

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



D284A9



FF8CC3



D28584



695E63



A80050

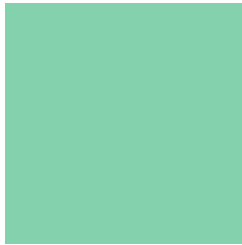


290013



# Previews

## White Background



This preview shows how the Hex color 84D2AD looks on a white background.

## Color Contrast Check

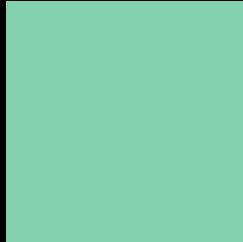
Large Text (above 18pt) WCAG AA × Fail

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 84D2AD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

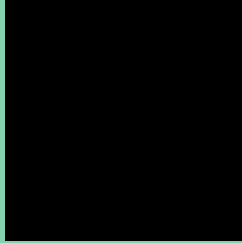
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

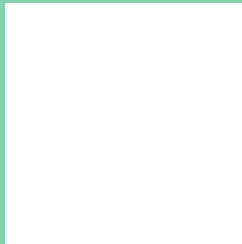
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 84D2AD Background



This preview shows how black text looks on a background with the Hex color 84D2AD.

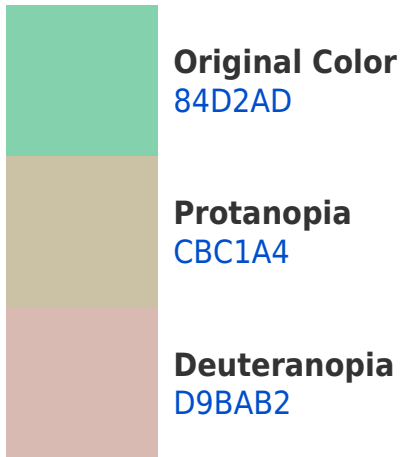


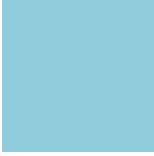
This preview shows how white text looks on a background with the Hex color 84D2AD.

# Color Blindness Simulation

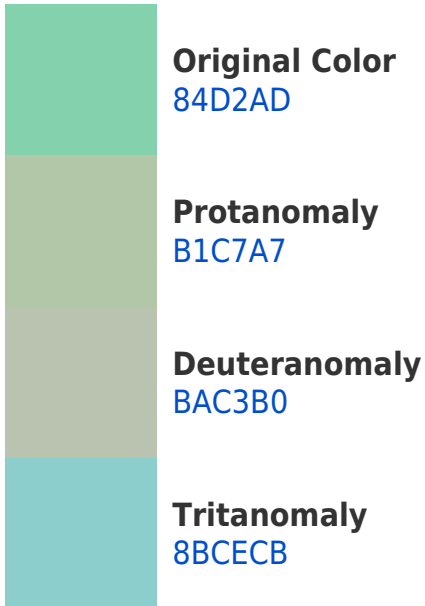
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

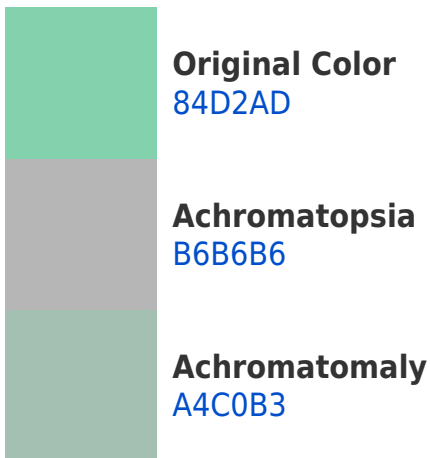




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84D2AD 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 #84D2AD looks like.

```
.text, #text, p{  
    color:#84D2AD  
}
```

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 #84D2AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84D2AD
}
```

## Border

The CSS property to change the border of an element to Hex 84D2AD 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
#84D2AD }
```

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

```
.border{ border-color:#84D2AD }
```

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

Here you see how a box with a 4 pixel #84D2AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84D2AD; -webkit-box-shadow:4px 4px  
4px 4px #84D2AD; box-shadow:4px 4px 4px  
4px #84D2AD }
```

# Background

The CSS property to change the background color of an element to Hex 84D2AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84D2AD }
```

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

```
.background{ background-color:#84D2AD }
```

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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