

Converting Colors

Hex(84D1B1)

Have a look what the booklet for
Hex(84D1B1) contains.

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Color

Hex(84D1B1)

Conversions

Conversions Part 1

Format	Color
Hex	84D1B1
RGB	132, 209, 177
RGB Percent	52%, 82%, 69%
CMY	0.4824, 0.1804, 0.3059
CMYK	0.37, 0.00, 0.15, 0.18
HSL	155°, 46%, 67%
HSV	155°, 37%, 82%
XYZ	40.2520, 53.6808, 49.8349
YIQ	182.3290, -35.6200, -26.2760

Conversions

Conversions Part 2

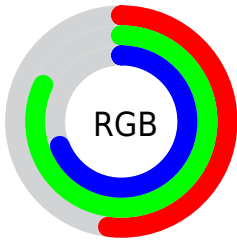
Format	Color
RYB	132, 181, 209
Decimal	8704433
CIELab	78.28, -30.88, 8.41
CIElCh	78, 32.005, 164.759
Yxy	53.6808, 0.2800, 0.3734
Android (android.graphics.Color)	4286894513 (0xFF84D1B1)
YUV	182.3290, -2.6272, -44.1385
Hunter-Lab	73.2672, -30.1521, 10.9591

Details

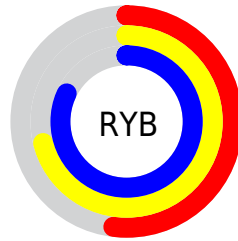
The Hex color **84D1B1** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D184A4**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **BCFFE9**, and **4E9A7C** is the 20% darker color. If you saturate the color by 10%, you get **6FD1A8**, and if you desaturate by 10%, it is **99D1BA**.

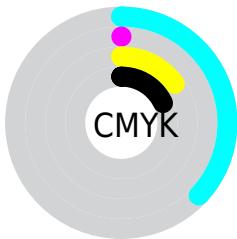
Distribution



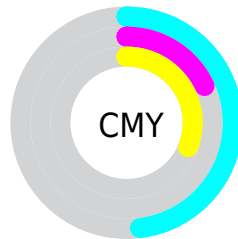
- Red (52%)
- Green (82%)
- Blue (69%)



- Red (52%)
- Yellow (71%)
- Blue (82%)



- Cyan (37%)
- Magenta (0%)
- Yellow (15%)
- Black (18%)



- Cyan (48%)
- Magenta (18%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84D1B1 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 84D1B1 by changing the saturation by 10% instead.

 84D1B1

 84D1B1

FFFFFF

 69B596

 BCFFE9

 4E9A7C

 D8FFFF

 338064

 F5FFFF

 14664C

 004E35

 003620

 002208

 000000

 84D1B1

 84D1B1

 6FD1A8

 99D1BA

 5AD1A0

 AED1C2

 45D197

 C3D1CB

 30D18E

 D8D1D4

 1CD186

 ECD1DC

 07D17D

 FFD1E5

 00D17A

 FFD1EE

 FFD1F6

 FFD1FF

Harmonies

Analogous

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



A6CC97



84D1B1



69D2D0

Triad

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



84D1B1



B1BFFB



F8B199

Complementary

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



84D1B1



D184A4

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.



FDACB4



84D1B1



D8B5EC

Square

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



84D1B1



86C9FA



F3ADD2



E4BB89

Rectangle

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



84D1B1



64D1E2



F3ADD2



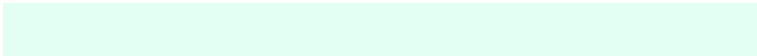
FBAFA1

Sweetspot

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



84D1B1



E3FFF3



A4D184



6F8079



000000



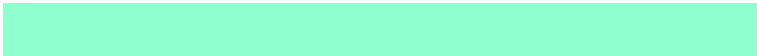
808080

Same Dimension

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



84D1B1



8FFFD0



84CBD1



5E6964



00A862



002918

Inverse Universe

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



D184A4



FF8FBD



D18A84



695E62



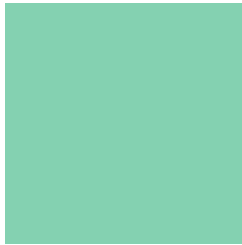
A80046



290011

Previews

White Background



This preview shows how the Hex color 84D1B1 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 84D1B1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

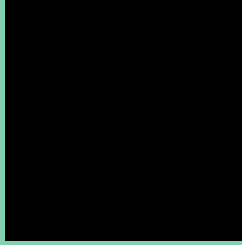
Any Text WCAG AA ✓ Pass

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 84D1B1 Background



This preview shows how black text looks on a background with the Hex color 84D1B1.

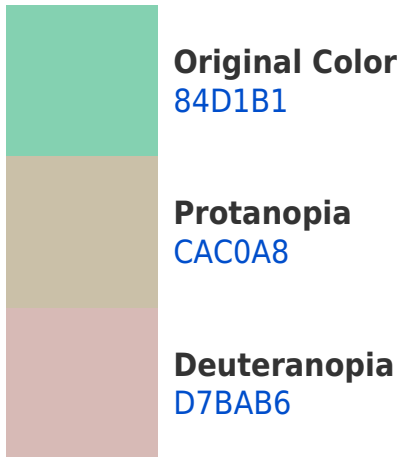


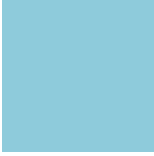
This preview shows how white text looks on a background with the Hex color 84D1B1.

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
8ECBDB

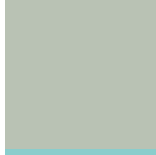
Trichromacy



Original Color
84D1B1



Protanomaly
B1C6AB



Deuteranomaly
B9C2B4

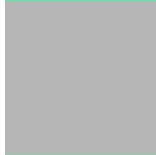


Tritanomaly
8ACDCC

Monochromacy



Original Color
84D1B1



Achromatopsia
B6B6B6



Achromatomaly
A4C0B4

CSS Examples

Text

The CSS property to change the color of the text to Hex 84D1B1 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 #84D1B1 looks like.

```
.text, #text, p{  
    color:#84D1B1  
}
```

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 #84D1B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84D1B1
}
```

Border

The CSS property to change the border of an element to Hex 84D1B1 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
#84D1B1 }
```

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

```
.border{ border-color:#84D1B1 }
```

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

Here you see how a box with a 4 pixel #84D1B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84D1B1; -webkit-box-shadow:4px 4px  
4px 4px #84D1B1; box-shadow:4px 4px 4px  
4px #84D1B1 }
```

Background

The CSS property to change the background color of an element to Hex 84D1B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84D1B1 }
```

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

```
.background{ background-color:#84D1B1 }
```

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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