

# Converting Colors

Hex(84D0BC)

Have a look what the booklet for  
Hex(84D0BC) contains.

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**Color**

**Hex(84D0BC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84D0BC
RGB	132, 208, 188
RGB Percent	52%, 82%, 74%
CMY	0.4824, 0.1843, 0.2627
CMYK	0.37, 0.00, 0.10, 0.18
HSL	164°, 45%, 67%
HSV	164°, 37%, 82%
XYZ	41.1487, 53.6481, 55.7633
YIQ	182.9960, -38.8760, -22.3320

# Conversions

## Conversions Part 2

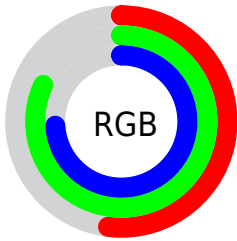
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">132, 176, 208</a>
Decimal	<a href="#">8704188</a>
CIELab	<a href="#">78.26, -28.03, 2.50</a>
CIELCh	<a href="#">78, 28.140, 174.911</a>
Yxy	<a href="#">53.6481, 0.2733, 0.3563</a>
Android (android.graphics.Color)	<a href="#">4286894268 (0xFF84D0BC)</a>
YUV	<a href="#">182.9960, 2.4670, -44.7235</a>
Hunter-Lab	<a href="#">73.2449, -27.8979, 6.1323</a>

# Details

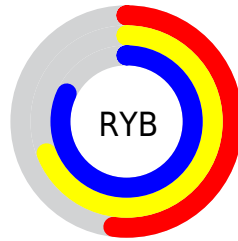
The Hex color **84D0BC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D08498**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **BCFFF4**, and **4E9987** is the 20% darker color. If you saturate the color by 10%, you get **6FD0B7**, and if you desaturate by 10%, it is **99D0C1**.

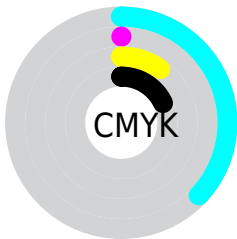
# Distribution



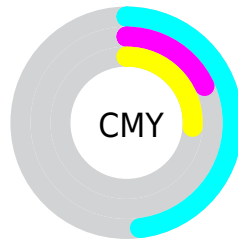
- Red (52%)
- Green (82%)
- Blue (74%)



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



- Cyan (37%)
- Magenta (0%)
- Yellow (10%)
- Black (18%)



- Cyan (48%)
- Magenta (18%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84D0BC 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 84D0BC by changing the saturation by 10% instead.



 84D0BC

 84D0BC

FFFFFF

 69B4A1

 BCFFF4

 4E9987

 D8FFFF

 337F6E

 F5FFFF

 136655

 004D3E

 003628

 002214

 000000

 84D0BC

 84D0BC

 6FD0B7

 99D0C1

 5AD0B1

 AED0C7

 46D0AC

 C2D0CC

 31D0A6

 D7D0D2

 1CD0A1

 ECD0D7

 07D09B

 FFD0DD

 00D099

 FFD0E2

 FFD0E8

 FFD0ED

# Harmonies

## Analogous

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



A0CDA3



84D0BC



74D0D7

# Triad

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



84D0BC



C0BCF1



EDB698

# Complementary

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



84D0BC



D08498

# 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.



F7B0AD



84D0BC



DFB4E0

# Square

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



84D0BC



9BC5F5



F2AFC7



D9BE8E

# Rectangle

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



84D0BC



77CEE6



F2AFC7



F2B39E



# Sweetspot

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



84D0BC



E3FFF8



98D084



6F807B



000000



808080

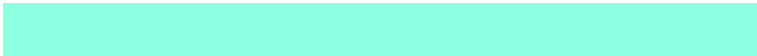


# Same Dimension

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



84D0BC



8FFFE1



84BED0



5E6966



00A87C



00291E



# Inverse Universe

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



D08498



FF8FAC



D09684



695E61



A8002C

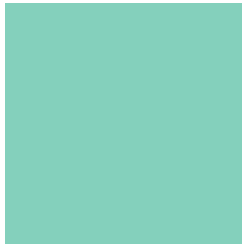


29000B



# Previews

## White Background



This preview shows how the Hex color 84D0BC looks on a white background.

## Color Contrast Check

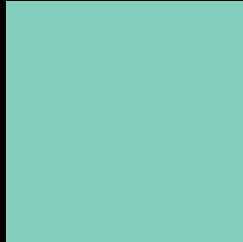
Large Text (above 18pt) WCAG AA × Fail

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 84D0BC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

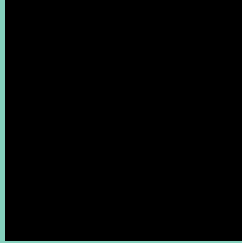
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

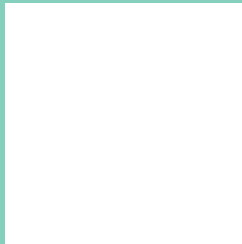
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 84D0BC Background



This preview shows how black text looks on a background with the Hex color 84D0BC.



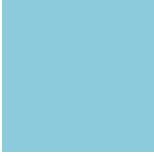
This preview shows how white text looks on a background with the Hex color 84D0BC.

# 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





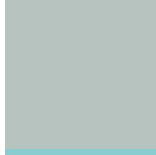
# Trichromacy



**Original Color**  
84D0BC



**Protanomaly**  
AFC6B6



**Deuteranomaly**  
B6C3BF

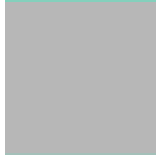


**Tritanomaly**  
89CDD0

# Monochromacy



**Original Color**  
84D0BC



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
A4C0B9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84D0BC 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 #84D0BC looks like.

```
.text, #text, p{  
    color:#84D0BC  
}
```

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 #84D0BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84D0BC  
}
```

## Border

The CSS property to change the border of an element to Hex 84D0BC 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  
#84D0BC }
```

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

```
.border{ border-color:#84D0BC }
```

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

Here you see how a box with a 4 pixel #84D0BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84D0BC; -webkit-box-shadow:4px 4px  
4px 4px #84D0BC; box-shadow:4px 4px 4px  
4px #84D0BC }
```

# Background

The CSS property to change the background color of an element to Hex 84D0BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84D0BC }
```

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

```
.background{ background-color:#84D0BC }
```

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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