

Converting Colors

Hex(84D5CD)

Have a look what the booklet for
Hex(84D5CD) contains.

Hex(84D5CD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(84D5CD)

Conversions

Conversions Part 1

Format	Color
Hex	84D5CD
RGB	132, 213, 205
RGB Percent	52%, 84%, 80%
CMY	0.4824, 0.1647, 0.1961
CMYK	0.38, 0.00, 0.04, 0.16
HSL	174°, 49%, 68%
HSV	174°, 38%, 84%
XYZ	44.3294, 56.9018, 66.4043
YIQ	187.8690, -45.7080, -19.6600

Conversions

Conversions Part 2

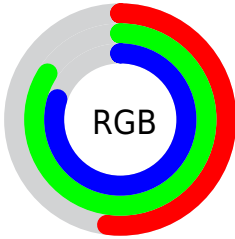
Format	Color
RYB	132, 175, 213
Decimal	8705485
CIELab	80.12, -26.58, -3.87
CIELCh	80, 26.858, 188.295
Yxy	56.9018, 0.2644, 0.3394
Android (android.graphics.Color)	4286895565 (0xFF84D5CD)
YUV	187.8690, 8.4456, -48.9971
Hunter-Lab	75.4333, -27.1103, 0.6100

Details

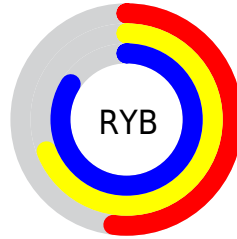
The Hex color **84D5CD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D5848C**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **BCFFFF**, and **4D9E97** is the 20% darker color. If you saturate the color by 10%, you get **6FD5CB**, and if you desaturate by 10%, it is **99D5CF**.

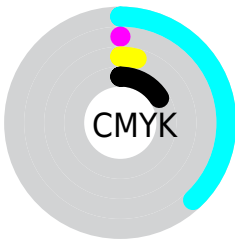
Distribution



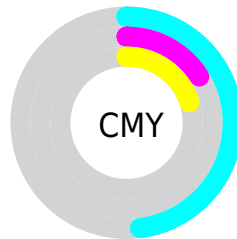
- Red (52%)
- Green (84%)
- Blue (80%)



- Red (52%)
- Yellow (69%)
- Blue (84%)



- Cyan (38%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (48%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84D5CD 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 84D5CD by changing the saturation by 10% instead.

 84D5CD

 84D5CD

FFFFFF

 68B9B2

 BCFFFF

 4D9E97

 D9FFFF

 30847D

 F6FFFF

 096A64

 00524C

 003A36

 002420

 00010A

 000000

 84D5CD

 84D5CD

 6FD5CB

 99D5CF

 59D5C9

 AFD5D1

 44D5C7

 C4D5D3

 2FD5C5

 D9D5D5

 1AD5C2

 EFD5D8

 04D5C0

 FFD5DA

 00D5C0

 FFD5DC

 FFD5DE

 FFD5E0

Harmonies

Analogous

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



9AD3B3



84D5CD



7FD3E5

Triad

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



84D5CD



D4BEEE



E9BF99

Complementary

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



84D5CD



D5848C

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.



F7B8A9



84D5CD



EDB7DA

Square

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



84D5CD



B2C7F8



F9B5C1



D2C795

Rectangle

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



84D5CD



89D0F1



F9B5C1



EFBC9D

Sweetspot

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



84D5CD



E3FFFC



8CD584



6F807E



000000



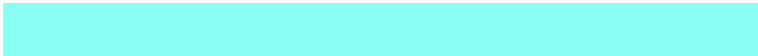
808080

Same Dimension

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



84D5CD



8AFFF3



84B5D5



606B6A



00AB9A



002B27

Inverse Universe

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



D5848C



FF8A95



D5A484



6B6061



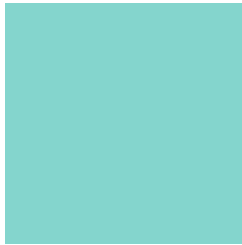
AB0011



2B0004

Previews

White Background



This preview shows how the Hex color 84D5CD looks on a white background.

Color Contrast Check

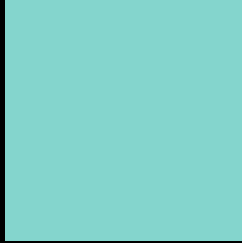
Large Text (above 18pt) WCAG AA × Fail

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 84D5CD 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 84D5CD Background



This preview shows how black text looks on a background with the Hex color 84D5CD.

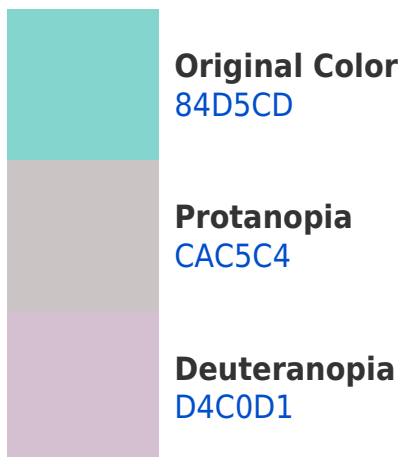


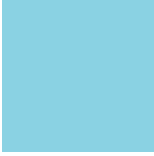
This preview shows how white text looks on a background with the Hex color 84D5CD.

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](#).

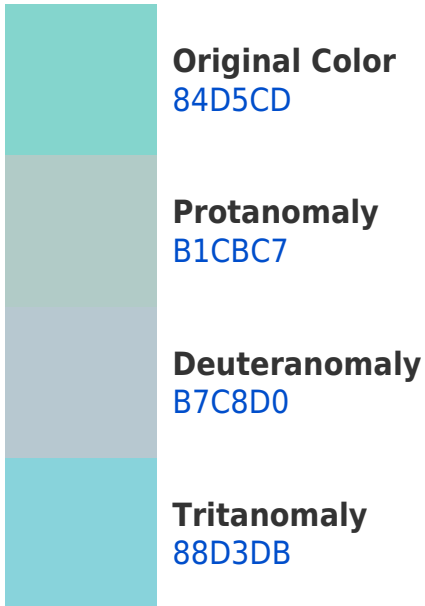
Dichromacy



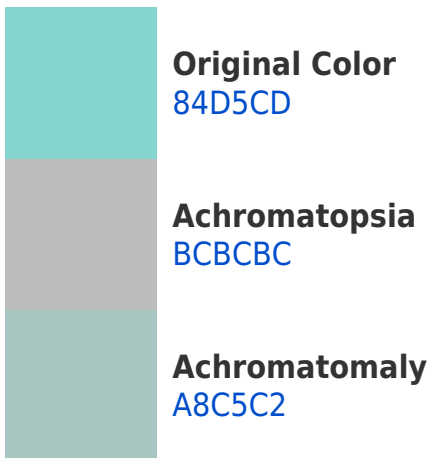


Tritanopia
8AD2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84D5CD 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 #84D5CD looks like.

```
.text, #text, p{  
    color:#84D5CD  
}
```

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 #84D5CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84D5CD
}
```

Border

The CSS property to change the border of an element to Hex 84D5CD 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
#84D5CD }
```

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

```
.border{ border-color:#84D5CD }
```

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

Here you see how a box with a 4 pixel #84D5CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84D5CD; -webkit-box-shadow:4px 4px  
4px 4px #84D5CD; box-shadow:4px 4px 4px  
4px #84D5CD }
```

Background

The CSS property to change the background color of an element to Hex 84D5CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84D5CD }
```

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

```
.background{ background-color:#84D5CD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor