

Converting Colors

Hex(84CDA8)

Have a look what the booklet for
Hex(84CDA8) contains.

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Color

Hex(84CDA8)

Conversions

Conversions Part 1

Format	Color
Hex	84CDA8
RGB	132, 205, 168
RGB Percent	52%, 80%, 66%
CMY	0.4824, 0.1961, 0.3412
CMYK	0.36, 0.00, 0.18, 0.20
HSL	150°, 42%, 66%
HSV	150°, 36%, 80%
XYZ	38.4149, 51.3953, 44.9414
YIQ	178.9550, -31.6310, -26.9830

Conversions

Conversions Part 2

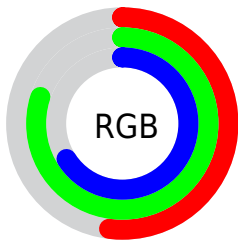
Format	Color
RYB	132, 181, 205
Decimal	8703400
CIELab	76.92, -30.83, 11.29
CIElCh	77, 32.833, 159.883
Yxy	51.3953, 0.2851, 0.3814
Android (android.graphics.Color)	4286893480 (0xFF84CDA8)
YUV	178.9550, -5.4008, -41.1795
Hunter-Lab	71.6905, -29.8103, 13.0156

Details

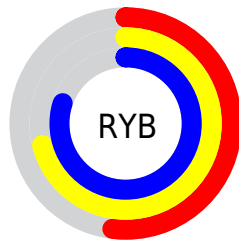
The Hex color **84CDA8** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CD84A9**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **BBFFDF**, and **4F9674** is the 20% darker color. If you saturate the color by 10%, you get **70CD9E**, and if you desaturate by 10%, it is **99CDB2**.

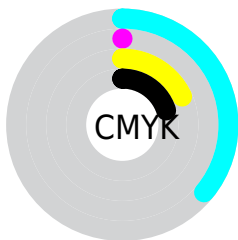
Distribution



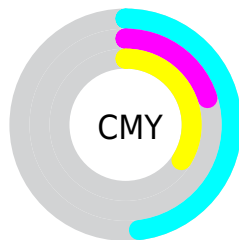
- Red (52%)
- Green (80%)
- Blue (66%)



- Red (52%)
- Yellow (71%)
- Blue (80%)



- Cyan (36%)
- Magenta (0%)
- Yellow (18%)
- Black (20%)



- Cyan (48%)
- Magenta (20%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84CDA8 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 84CDA8 by changing the saturation by 10% instead.

 84CDA8

 84CDA8

FFFFFF

 69B18E

 BBFFDF

 4F9674

 D8FFFC

 347C5B

 F5FFFF

 176344

 004A2D

 003319

 002000

 000000

 84CDA8

 84CDA8

 70CD9E

 99CDB2

 5BCD93

 ADCDBD

 46CD89

 C2CDC7

 32CD7E

 D6CDD2

 1ECD74

 EBCDDC

 09CD6A

 FFCDE6

 00CD65

 FFCDF1

 FFCDFB

 FFCDFE

Harmonies

Analogous

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



A8C88E



84CDA8



65CFC7

Triad

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



84CDA8



A5BDF9



F7AC98

Complementary

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



84CDA8



CD84A9

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.



FAA7B5



84CDA8



CFB3ED

Square

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



84CDA8



79C7F6



EDAAD3



E5B585

Rectangle

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



84CDA8



5BCEDB



EDAAD3



FAA9A1

Sweetspot

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



84CDA8



E3FFF1



AACD84



6F8077



000000



808080

Same Dimension

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



84CDA8



91FFC7



84CDCC



5C6661



00A652



002613

Inverse Universe

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



CD84A9



FF91C9



CD8485



665C61



A60054



260013

Previews

White Background



This preview shows how the Hex color 84CDA8 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 84CDA8 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 84CDA8 Background



This preview shows how black text looks on a background with the Hex color 84CDA8.

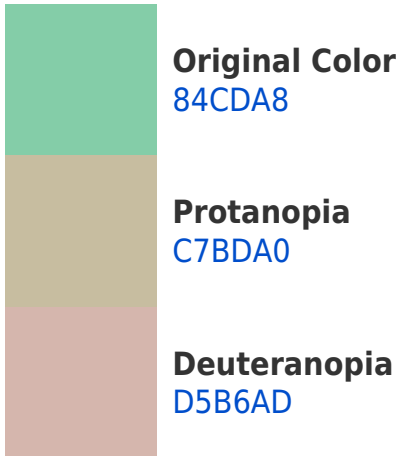


This preview shows how white text looks on a background with the Hex color 84CDA8.

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](#).

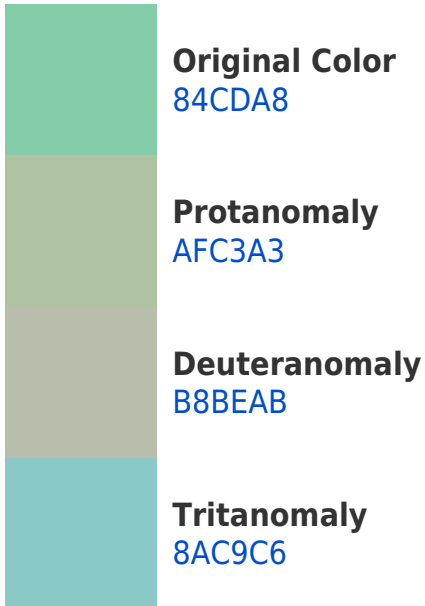
Dichromacy



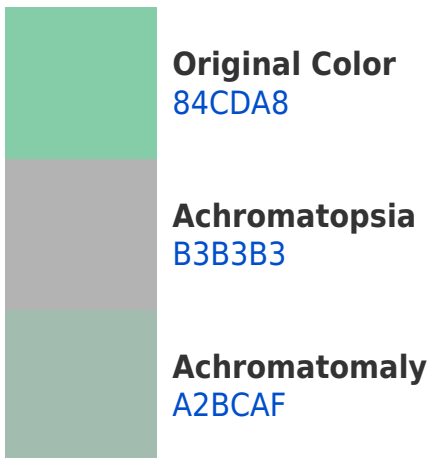


Tritanopia
8EC7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84CDA8 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 #84CDA8 looks like.

```
.text, #text, p{  
    color:#84CDA8  
}
```

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 #84CDA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84CDA8  
}
```

Border

The CSS property to change the border of an element to Hex 84CDA8 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  
#84CDA8 }
```

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

```
.border{ border-color:#84CDA8 }
```

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

Here you see how a box with a 4 pixel #84CDA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84CDA8; -webkit-box-shadow:4px 4px  
4px 4px #84CDA8; box-shadow:4px 4px 4px  
4px #84CDA8 }
```

Background

The CSS property to change the background color of an element to Hex 84CDA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84CDA8 }
```

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

```
.background{ background-color:#84CDA8 }
```

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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