

Converting Colors

Hex(84CEA2)

Have a look what the booklet for
Hex(84CEA2) contains.

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Color

Hex(84CEA2)

Conversions

Conversions Part 1

Format	Color
Hex	84CEA2
RGB	132, 206, 162
RGB Percent	52%, 81%, 64%
CMY	0.4824, 0.1922, 0.3647
CMYK	0.36, 0.00, 0.21, 0.19
HSL	144°, 43%, 66%
HSV	144°, 36%, 81%
XYZ	38.1086, 51.6568, 42.1446
YIQ	178.8580, -29.9800, -29.3720

Conversions

Conversions Part 2

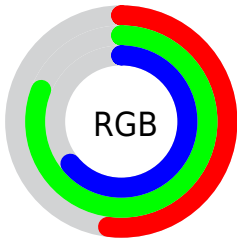
Format	Color
RYB	132, 185, 206
Decimal	8703650
CIELab	77.08, -32.49, 14.72
CIELCh	77, 35.671, 155.630
Yxy	51.6568, 0.2889, 0.3916
Android (android.graphics.Color)	4286893730 (0xFF84CEA2)
YUV	178.8580, -8.3110, -41.0945
Hunter-Lab	71.8727, -31.1321, 15.5444

Details

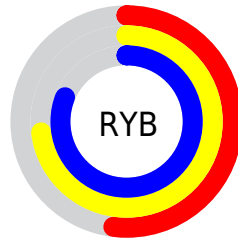
The Hex color **84CEA2** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CE84B0**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **BBFFD9**, and **4F976E** is the 20% darker color. If you saturate the color by 10%, you get **6FCE96**, and if you desaturate by 10%, it is **99CEAE**.

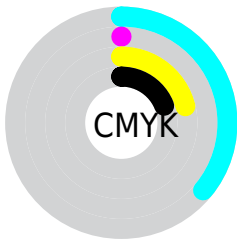
Distribution



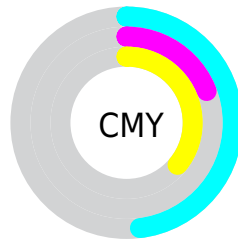
- Red (52%)
- Green (81%)
- Blue (64%)



- Red (52%)
- Yellow (73%)
- Blue (81%)



- Cyan (36%)
- Magenta (0%)
- Yellow (21%)
- Black (19%)



- Cyan (48%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84CEA2 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 84CEA2 by changing the saturation by 10% instead.



84CEA2



84CEA2

FFFFFF



69B288



BBFFD9



4F976E



D8FFF5



347D56



F5FFFF



17643E



004B28



003413



002000



000000



84CEA2



84CEA2

 6FCE96

 99CEAE

 5BCE8A

 ADCEBA

 46CE7D

 C2CEC7

 32CE71

 D6CED3

 1DCE65

 EBCEDF

 08CE59

 FFCEEB

 00CE54

 FFCEF8

 FFCEFF

Harmonies

Analogous

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



ABC888



84CEA2



5ED0C4

Triad

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



84CEA2



9BBFFF



FDA999

Complementary

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



84CEA2



CE84B0

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.



FEA5B9



84CEA2



CBB4F4

Square

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



84CEA2



69C9FA



EDA9DA



ECB383

Rectangle

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



84CEA2



4DD0DA



EDA9DA



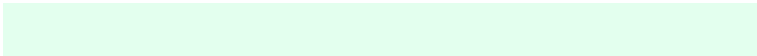
FFA7A3

Sweetspot

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



84CEA2



E3FFEE



B0CE84



6F8076



000000



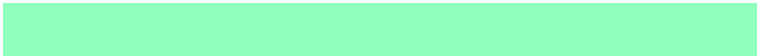
808080

Same Dimension

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



84CEA2



91FFBE



84CEC7



5C6660



00A643



002610

Inverse Universe

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



CE84B0



FF91D3



CE848B



665C62



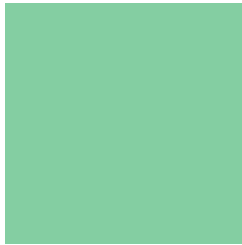
A60063



260017

Previews

White Background



This preview shows how the Hex color 84CEA2 looks on a white background.

Color Contrast Check

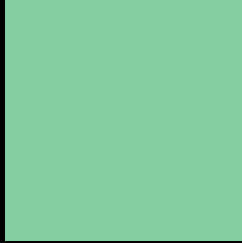
Large Text (above 18pt) WCAG AA × Fail

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 84CEA2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

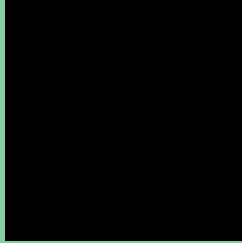
Any Text WCAG AA ✓ Pass

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 84CEA2 Background



This preview shows how black text looks on a background with the Hex color 84CEA2.

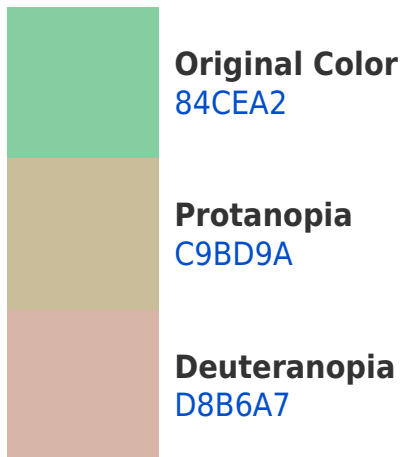


This preview shows how white text looks on a background with the Hex color 84CEA2.

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](#).

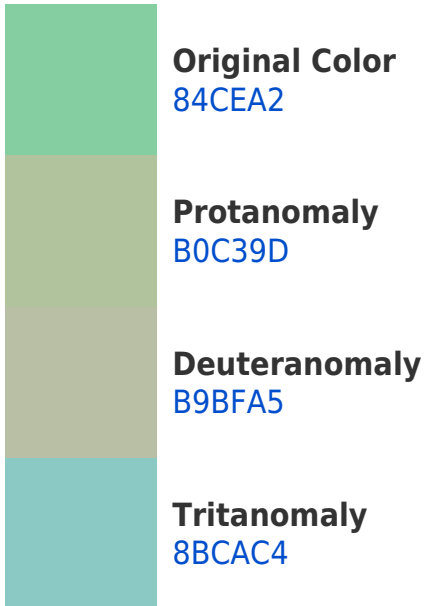
Dichromacy



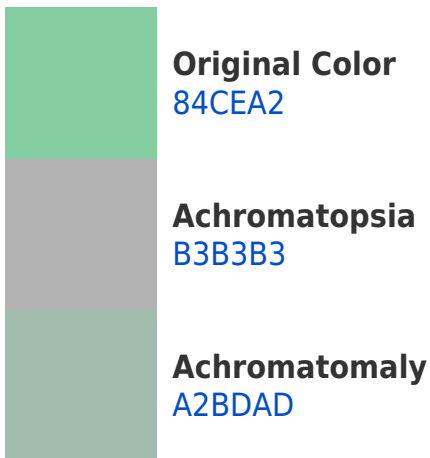


Tritanopia
8FC7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84CEA2 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 #84CEA2 looks like.

```
.text, #text, p{  
    color:#84CEA2  
}
```

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 #84CEA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84CEA2
}
```

Border

The CSS property to change the border of an element to Hex 84CEA2 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
#84CEA2 }
```

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

```
.border{ border-color:#84CEA2 }
```

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

Here you see how a box with a 4 pixel #84CEA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84CEA2; -webkit-box-shadow:4px 4px  
4px 4px #84CEA2; box-shadow:4px 4px 4px  
4px #84CEA2 }
```

Background

The CSS property to change the background color of an element to Hex 84CEA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84CEA2 }
```

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

```
.background{ background-color:#84CEA2 }
```

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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