

# Converting Colors

Hex(85CBA4)

Have a look what the booklet for  
Hex(85CBA4) contains.

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# **Color**

**Hex(85CBA4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85CBA4
RGB	133, 203, 164
RGB Percent	52%, 80%, 64%
CMY	0.4784, 0.2039, 0.3569
CMYK	0.34, 0.00, 0.19, 0.20
HSL	147°, 40%, 66%
HSV	147°, 34%, 80%
XYZ	37.7296, 50.3788, 42.8575
YIQ	177.6240, -29.2010, -26.9690

# Conversions

## Conversions Part 2

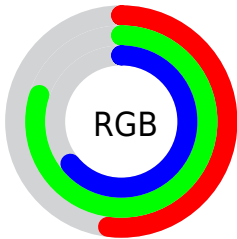
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 182, 203
Decimal	8768420
CIELab	76.30, -30.38, 12.57
CIElCh	76, 32.880, 157.528
Yxy	50.3788, 0.2881, 0.3847
Android (android.graphics.Color)	4286958500 (0xFF85CBA4)
YUV	177.6240, -6.7166, -39.1352
Hunter-Lab	70.9780, -29.3266, 13.8845

# Details

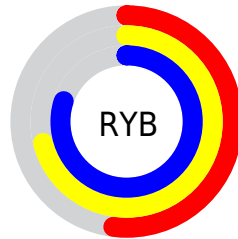
The Hex color **85CBA4** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CB85AC**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **BCFFDB**, and **509470** is the 20% darker color. If you saturate the color by 10%, you get **71CB99**, and if you desaturate by 10%, it is **99CBAF**.

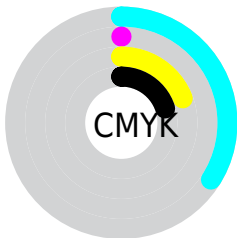
# Distribution



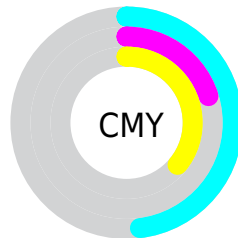
- Red (52%)
- Green (80%)
- Blue (64%)



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



- Cyan (34%)
- Magenta (0%)
- Yellow (19%)
- Black (20%)



- Cyan (48%)
- Magenta (20%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85CBA4 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 85CBA4 by changing the saturation by 10% instead.





85CBA4



85CBA4

FFFFFF



6AAF8A



BCFFDB



509470



D8FFF8



367A58



F6FFFF



1A6140



00492A



003215



001E00



000000



85CBA4



85CBA4

 71CB99

 99CBAF

 5CCB8D

 AECBBB

 48CB82

 C2CBC6

 34CB77

 D6CBD1

 20CB6B

 EBCBDD

 0BCB60

 FFCBE8

 00CB5A

 FFCBF3

 FFCBFE

 FFCBFF

# Harmonies

## Analogous

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



A9C58B



85CBA4



65CDC3

# Triad

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



85CBA4



A0BCF8



F6A999

# Complementary

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



85CBA4



CB85AC

# 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.



F8A5B6



85CBA4



CAB2EC

# Square

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



85CBA4



73C6F4



E9A9D4



E5B285

# Rectangle

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



85CBA4



59CCD7



E9A9D4



F8A7A2

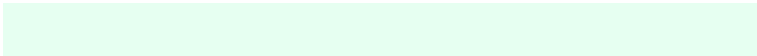


# Sweetspot

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



85CBA4



E6FFF1



ADCB85



708077



000000



808080



# Same Dimension

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



85CBA4



96FFC5



85CBC6



5C6660



00A649



002611



# Inverse Universe

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



CB85AC



FF96D1



CB858A



665C61



A6005C



260015



# Previews

## White Background



This preview shows how the Hex color 85CBA4 looks on a white background.

## Color Contrast Check

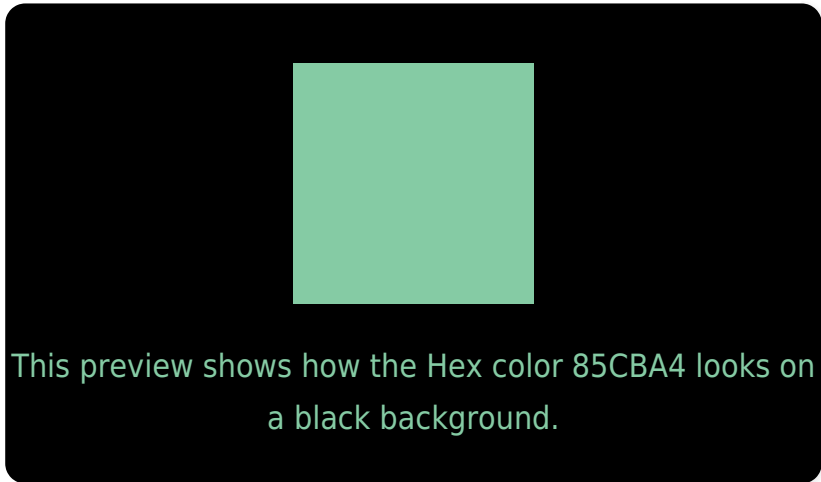
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 85CBA4 Background



This preview shows how black text looks on a background with the Hex color 85CBA4.

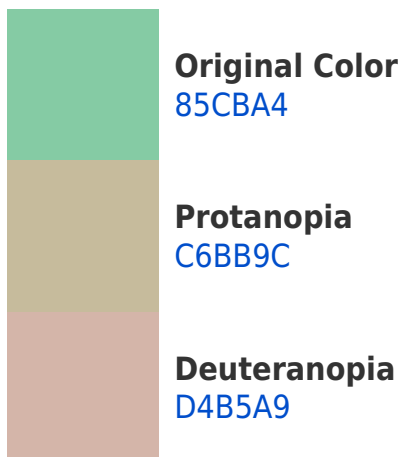


This preview shows how white text looks on a background with the Hex color 85CBA4.

# 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](#).

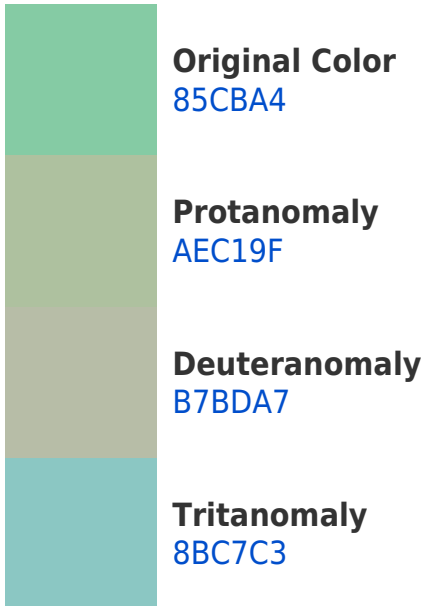
## Dichromacy



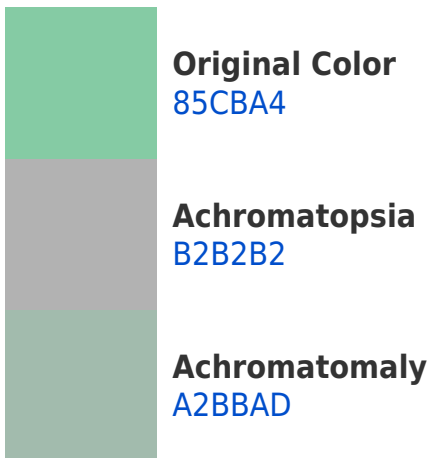


**Tritanopia**  
8FC4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85CBA4 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 #85CBA4 looks like.

```
.text, #text, p{  
    color:#85CBA4  
}
```

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 #85CBA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85CBA4
}
```

## Border

The CSS property to change the border of an element to Hex 85CBA4 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
#85CBA4 }
```

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

```
.border{ border-color:#85CBA4 }
```

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

Here you see how a box with a 4 pixel #85CBA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85CBA4; -webkit-box-shadow:4px 4px  
4px 4px #85CBA4; box-shadow:4px 4px 4px  
4px #85CBA4 }
```

# Background

The CSS property to change the background color of an element to Hex 85CBA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85CBA4 }
```

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

```
.background{ background-color:#85CBA4 }
```

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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