

Converting Colors

Hex(85CB9A)

Have a look what the booklet for
Hex(85CB9A) contains.

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Color

Hex(85CB9A)

Conversions

Conversions Part 1

Format	Color
Hex	85CB9A
RGB	133, 203, 154
RGB Percent	52%, 80%, 60%
CMY	0.4784, 0.2039, 0.3961
CMYK	0.34, 0.00, 0.24, 0.20
HSL	138°, 40%, 66%
HSV	138°, 34%, 80%
XYZ	36.8615, 50.0315, 38.2861
YIQ	176.4840, -25.9910, -30.0790

Conversions

Conversions Part 2

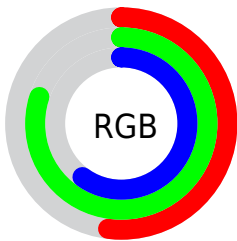
Format	Color
RYB	133, 187, 203
Decimal	8768410
CIELab	76.09, -32.31, 17.61
CIELCh	76, 36.795, 151.407
Yxy	50.0315, 0.2945, 0.3997
Android (android.graphics.Color)	4286958490 (0xFF85CB9A)
YUV	176.4840, -11.0846, -38.1355
Hunter-Lab	70.7330, -30.7598, 17.4208

Details

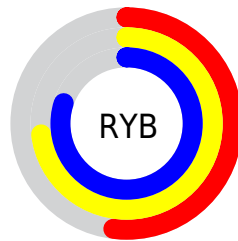
The Hex color **85CB9A** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CB85B6**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **BCFFD1**, and **509467** is the 20% darker color. If you saturate the color by 10%, you get **71CB8C**, and if you desaturate by 10%, it is **99CBA8**.

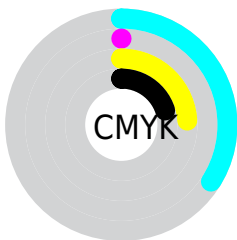
Distribution



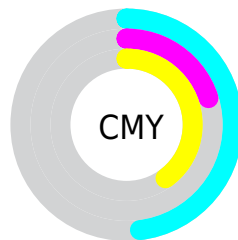
- Red (52%)
- Green (80%)
- Blue (60%)



- Red (52%)
- Yellow (73%)
- Blue (80%)



- Cyan (34%)
- Magenta (0%)
- Yellow (24%)
- Black (20%)



- Cyan (48%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85CB9A 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 85CB9A by changing the saturation by 10% instead.



85CB9A



85CB9A

FFFFFF



6AAF80



BCFFD1



509467



D8FFED



367A4E



F6FFFF



1A6137



004921



00310C



001E00



000000



85CB9A



85CB9A

 71CB8C

 99CBA8

 5CCB7E

 AECBB6

 48CB6F

 C2CBC5

 34CB61

 D6CBD3

 20CB53

 EBCBE1

 0BCB45

 FFCBEF

 00CB3D

 FFCBFD

 FFCBFF

Harmonies

Analogous

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



ADC481



85CB9A



5BCEBC

Triad

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



85CB9A



8FBEFF



FDA59A

Complementary

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



85CB9A



CB85B6

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.



FCA2BB



85CB9A



C2B2F6

Square

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



85CB9A



5AC8F6



E8A7DD



EDAE81

Rectangle

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



85CB9A



45CED3



E8A7DD



FFA3A4

Sweetspot

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



85CB9A



E6FFED



B6CB85



708075



000000



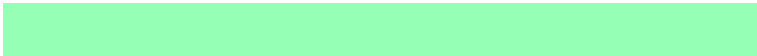
808080

Same Dimension

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



85CB9A



96FFB6



85CBBD



5C665F



00A632



00260B

Inverse Universe

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



CB85B6



FF96E0



CB8593



665C63



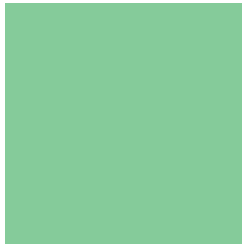
A60074



26001B

Previews

White Background



This preview shows how the Hex color 85CB9A looks on a white background.

Color Contrast Check

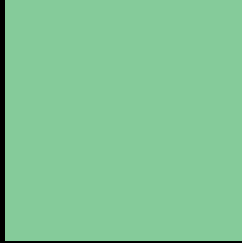
Large Text (above 18pt) WCAG AA × Fail

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 85CB9A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

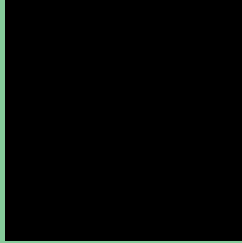
Any Text WCAG AA ✓ Pass

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 85CB9A Background



This preview shows how black text looks on a background with the Hex color 85CB9A.

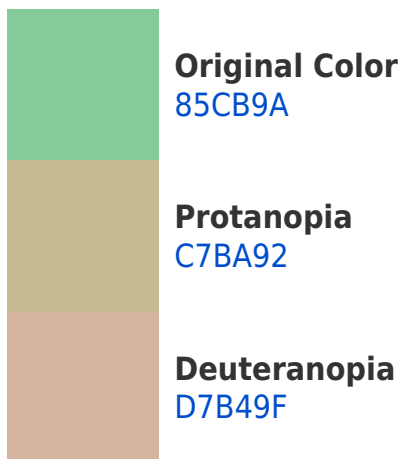


This preview shows how white text looks on a background with the Hex color 85CB9A.

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](#).

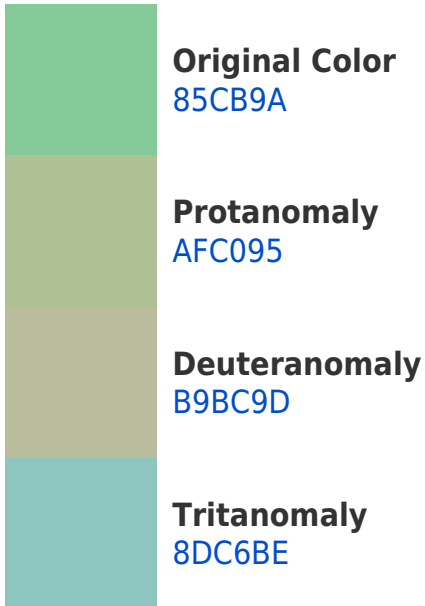
Dichromacy



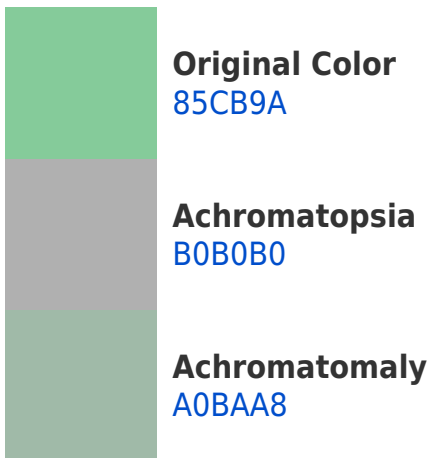


Tritanopia
91C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85CB9A 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 #85CB9A looks like.

```
.text, #text, p{  
    color:#85CB9A  
}
```

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 #85CB9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85CB9A
}
```

Border

The CSS property to change the border of an element to Hex 85CB9A 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
#85CB9A }
```

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

```
.border{ border-color:#85CB9A }
```

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

Here you see how a box with a 4 pixel #85CB9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85CB9A; -webkit-box-shadow:4px 4px  
4px 4px #85CB9A; box-shadow:4px 4px 4px  
4px #85CB9A }
```

Background

The CSS property to change the background color of an element to Hex 85CB9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85CB9A }
```

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

```
.background{ background-color:#85CB9A }
```

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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