

Converting Colors

Hex(85CEA5)

Have a look what the booklet for
Hex(85CEA5) contains.

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Color

Hex(85CEA5)

Conversions

Conversions Part 1

Format	Color
Hex	85CEA5
RGB	133, 206, 165
RGB Percent	52%, 81%, 65%
CMY	0.4784, 0.1922, 0.3529
CMYK	0.35, 0.00, 0.20, 0.19
HSL	146°, 43%, 66%
HSV	146°, 35%, 81%
XYZ	38.5357, 51.8458, 43.5735
YIQ	179.4990, -30.3470, -28.2270

Conversions

Conversions Part 2

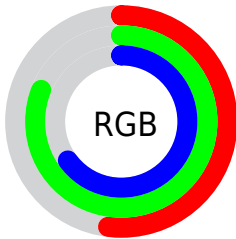
Format	Color
RYB	133, 184, 206
Decimal	8769189
CIELab	77.19, -31.61, 13.29
CIELCh	77, 34.288, 157.203
Yxy	51.8458, 0.2877, 0.3870
Android (android.graphics.Color)	4286959269 (0xFF85CEA5)
YUV	179.4990, -7.1480, -40.7796
Hunter-Lab	72.0040, -30.4759, 14.5232

Details

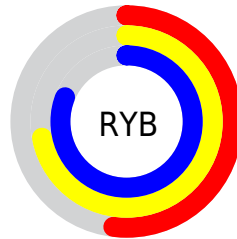
The Hex color **85CEA5** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CE85AE**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **BCFFDC**, and **509771** is the 20% darker color. If you saturate the color by 10%, you get **70CE99**, and if you desaturate by 10%, it is **9ACEB1**.

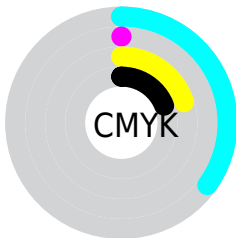
Distribution



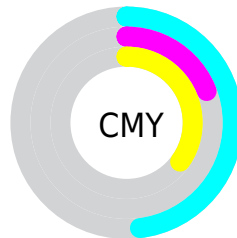
- Red (52%)
- Green (81%)
- Blue (65%)



- Red (52%)
- Yellow (72%)
- Blue (81%)



- Cyan (35%)
- Magenta (0%)
- Yellow (20%)
- Black (19%)



- Cyan (48%)
- Magenta (19%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85CEA5 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 85CEA5 by changing the saturation by 10% instead.



85CEA5



85CEA5

FFFFFF



6AB28B



BCFFDC



509771



D9FFF9



357D59



F6FFFF



186441



004B2B



003416



002100



000000



85CEA5



85CEA5

 70CE99

 9ACEB1

 5CCE8E

 AECEBC

 47CE82

 C3CEC8

 33CE77

 D7CED3

 1ECE6B

 ECCEDF

 09CE60

 FFCEEA

 00CE5A

 FFCEF6

 FFCEFF

Harmonies

Analogous

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



AAC88B



85CEA5



62D0C5

Triad

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



85CEA5



A0BFFD



FBAB9A

Complementary

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



85CEA5



CE85AE

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.



FDA7B8



85CEA5



CDB4F1

Square

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



85CEA5



71C9F8



EDAAD8



E9B485

Rectangle

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



85CEA5



55CFDB



EDAAD8



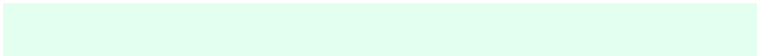
FDA9A3

Sweetspot

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



85CEA5



E3FFEF



AECE85



6F8076



000000



808080

Same Dimension

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



85CEA5



91FFC1



85CEC9



5C6660



00A649



002611

Inverse Universe

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



CE85AE



FF91CF



CE858A



665C62



A6005D



260015

Previews

White Background



This preview shows how the Hex color 85CEA5 looks on a white background.

Color Contrast Check

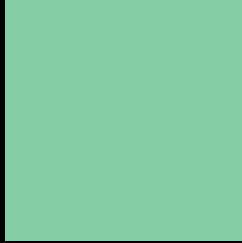
Large Text (above 18pt) WCAG AA × Fail

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 85CEA5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

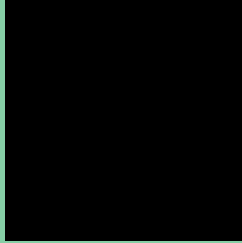
Any Text WCAG AA ✓ Pass

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 85CEA5 Background



This preview shows how black text looks on a background with the Hex color 85CEA5.

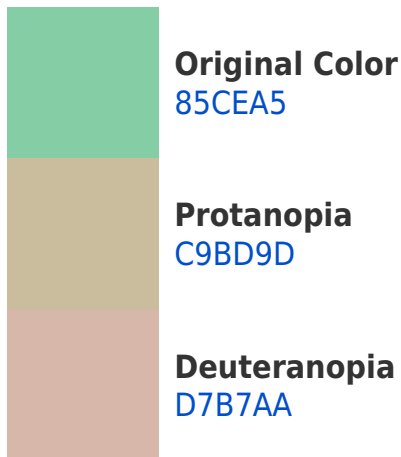


This preview shows how white text looks on a background with the Hex color 85CEA5.

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](#).

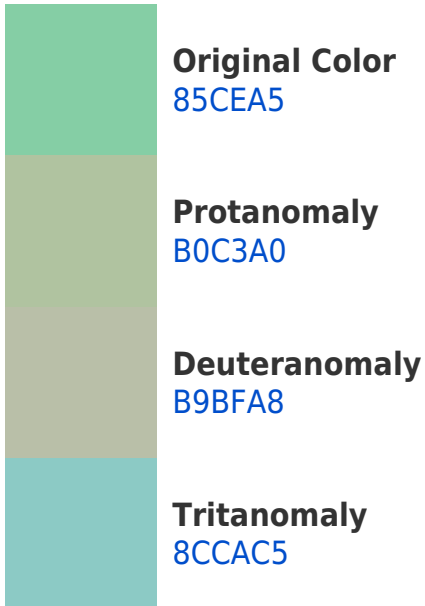
Dichromacy



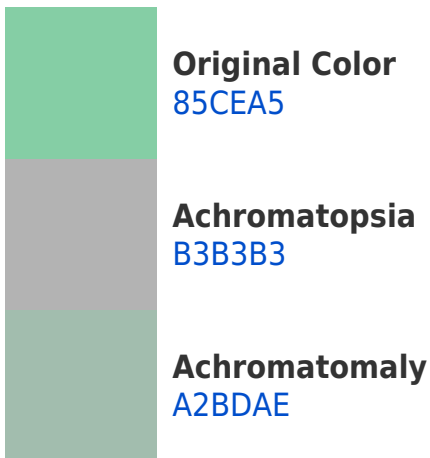


Tritanopia
90C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85CEA5 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 #85CEA5 looks like.

```
.text, #text, p{  
    color:#85CEA5  
}
```

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 #85CEA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85CEA5
}
```

Border

The CSS property to change the border of an element to Hex 85CEA5 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
#85CEA5 }
```

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

```
.border{ border-color:#85CEA5 }
```

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

Here you see how a box with a 4 pixel #85CEA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85CEA5; -webkit-box-shadow:4px 4px  
4px 4px #85CEA5; box-shadow:4px 4px 4px  
4px #85CEA5 }
```

Background

The CSS property to change the background color of an element to Hex 85CEA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85CEA5 }
```

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

```
.background{ background-color:#85CEA5 }
```

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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