

Converting Colors

Hex(85CB93)

Have a look what the booklet for
Hex(85CB93) contains.

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Color

Hex(85CB93)

Conversions

Conversions Part 1

Format	Color
Hex	85CB93
RGB	133, 203, 147
RGB Percent	52%, 80%, 58%
CMY	0.4784, 0.2039, 0.4235
CMYK	0.34, 0.00, 0.28, 0.20
HSL	132°, 40%, 66%
HSV	132°, 34%, 80%
XYZ	36.2953, 49.8050, 35.3041
YIQ	175.6860, -23.7440, -32.2560

Conversions

Conversions Part 2

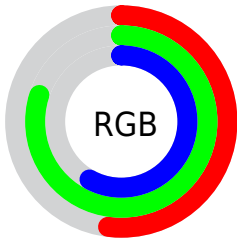
Format	Color
RYB	133, 191, 203
Decimal	8768403
CIELab	75.95, -33.58, 21.13
CIElCh	76, 39.680, 147.818
Yxy	49.8050, 0.2990, 0.4102
Android (android.graphics.Color)	4286958483 (0xFF85CB93)
YUV	175.6860, -14.1422, -37.4356
Hunter-Lab	70.5727, -31.7003, 19.7409

Details

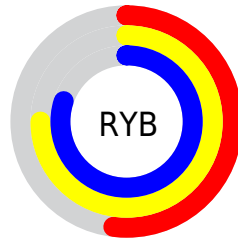
The Hex color **85CB93** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CB85BD**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **BCFFC9**, and **509460** is the 20% darker color. If you saturate the color by 10%, you get **71CB83**, and if you desaturate by 10%, it is **99CBA3**.

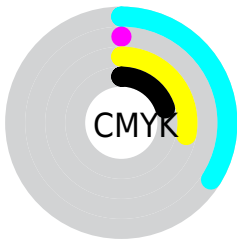
Distribution



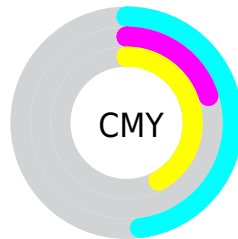
- Red (52%)
- Green (80%)
- Blue (58%)



- Red (52%)
- Yellow (75%)
- Blue (80%)



- Cyan (34%)
- Magenta (0%)
- Yellow (28%)
- Black (20%)



- Cyan (48%)
- Magenta (20%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85CB93 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 85CB93 by changing the saturation by 10% instead.



85CB93



85CB93

FFFFFF



6AAF79



BCFFC9



509460



D9FFE5



367A48



F6FFFF



1A6131



00491B



003103



001D00



000000



85CB93



85CB93

 71CB83

 99CBA3

 5CCB73

 AECBB3

 48CB62

 C2CBC4

 34CB52

 D6CBD4

 20CB42

 EBCBE4

 0BCB32

 FFCBF4

 00CB29

 FFCBFF

Harmonies

Analogous

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



B0C379



85CB93



55CFB7

Triad

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



85CB93



82C0FF



FFA19B

Complementary

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



85CB93



CB85BD

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.



FF9FBF



85CB93



BCB3FC

Square

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



85CB93



42C9F8



E7A6E3



F3AB7E

Rectangle

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



85CB93



33CFD0



E7A6E3



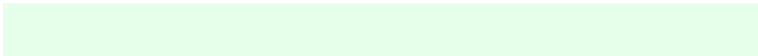
FFA0A7

Sweetspot

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



85CB93



E6FFEB



BDCB85



708073



000000



808080

Same Dimension

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



85CB93



96FFAB



85CBB5



5C665E



00A621



002608

Inverse Universe

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



CB85BD



FF96EA



CB859A



665C64



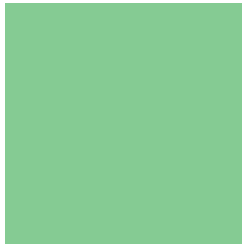
A60085



26001F

Previews

White Background



This preview shows how the Hex color 85CB93 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 85CB93 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

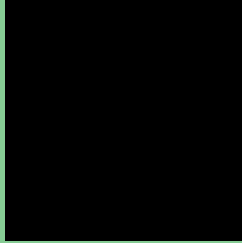
Any Text WCAG AA ✓ Pass

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 85CB93 Background



This preview shows how black text looks on a background with the Hex color 85CB93.

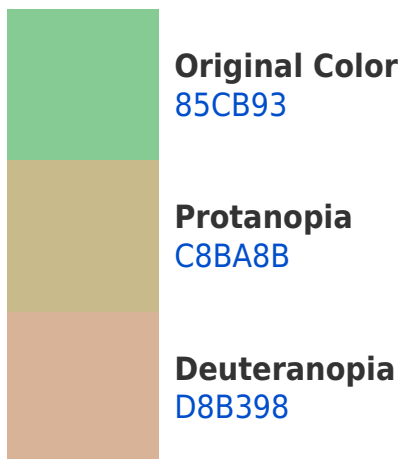


This preview shows how white text looks on a background with the Hex color 85CB93.

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](#).

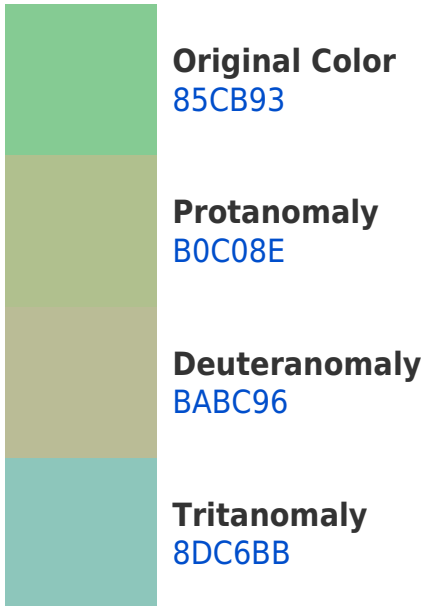
Dichromacy



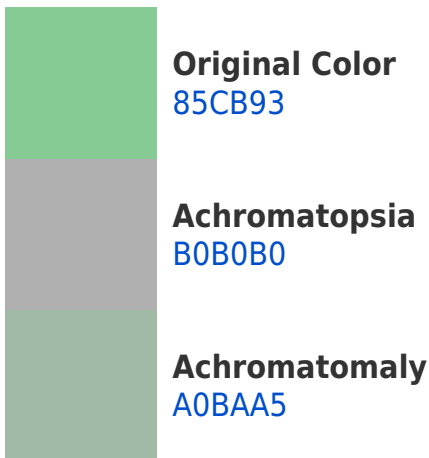


Tritanopia
92C3D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85CB93 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 #85CB93 looks like.

```
.text, #text, p{  
    color:#85CB93  
}
```

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 #85CB93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85CB93
}
```

Border

The CSS property to change the border of an element to Hex 85CB93 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
#85CB93 }
```

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

```
.border{ border-color:#85CB93 }
```

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

Here you see how a box with a 4 pixel #85CB93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85CB93; -webkit-box-shadow:4px 4px  
4px 4px #85CB93; box-shadow:4px 4px 4px  
4px #85CB93 }
```

Background

The CSS property to change the background color of an element to Hex 85CB93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85CB93 }
```

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

```
.background{ background-color:#85CB93 }
```

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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