

Converting Colors

Hex(85CE79)

Have a look what the booklet for
Hex(85CE79) contains.

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Color

Hex(85CE79)

Conversions

Conversions Part 1

Format	Color
Hex	85CE79
RGB	133, 206, 121
RGB Percent	52%, 81%, 47%
CMY	0.4784, 0.1922, 0.5255
CMYK	0.35, 0.00, 0.41, 0.19
HSL	112°, 46%, 64%
HSV	112°, 41%, 81%
XYZ	35.1954, 50.5096, 25.9835
YIQ	174.4830, -16.2230, -41.9110

Conversions

Conversions Part 2

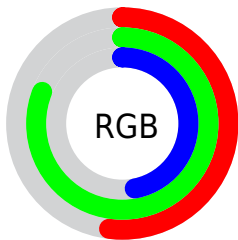
Format	Color
RYB	121, 206, 194
Decimal	8769145
CIELab	76.38, -39.15, 35.22
CIELCh	76, 52.661, 138.019
Yxy	50.5096, 0.3151, 0.4522
Android (android.graphics.Color)	4286959225 (0xFF85CE79)
YUV	174.4830, -26.3671, -36.3806
Hunter-Lab	71.0701, -35.9759, 28.0724

Details

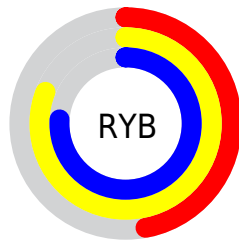
The Hex color **85CE79** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **C279CE**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **BDFFAE**, and **4F9747** is the 20% darker color. If you saturate the color by 10%, you get **73CE64**, and if you desaturate by 10%, it is **97CE8E**.

Distribution



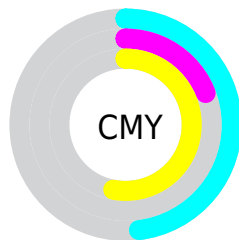
- Red (52%)
- Green (81%)
- Blue (47%)



- Red (47%)
- Yellow (81%)
- Blue (76%)



- Cyan (35%)
- Magenta (0%)
- Yellow (41%)
- Black (19%)



- Cyan (48%)
- Magenta (19%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85CE79 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 85CE79 by changing the saturation by 10% instead.



85CE79



85CE79

FFFFFF



6AB25F



BDFFAE



4F9747



D9FFCA



347D2E



F7FFE6



156316



004B00



003300



001E00



000000



85CE79



85CE79

 73CE64

 97CE8E

 62CE50

 A8CEA2

 50CE3B

 BACEB7

 3ECE27

 CCCECB

 2DCE12

 DDCEE0

 1DCE00

 EFCEF5

 FFCEFF

Harmonies

Analogous

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



BDC35C



85CE79



2FD4A7

Triad

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



85CE79



26C7FF



FF95A1

Complementary

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



85CE79



C279CE

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.



FF96D2



85CE79



A1B7FF

Square

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



85CE79



00D1FF



E5A4FE



FFA176

Rectangle

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



85CE79



00D5C8



E5A4FE



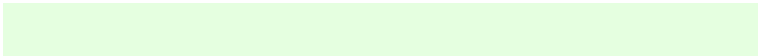
FF94B1

Sweetspot

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



85CE79



E5FFE0



CEC179



70806E



000000



808080

Same Dimension

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



85CE79



92FF80



79CE97



5D665C



17A600



052600

Inverse Universe

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



C279CE



ED80FF



CE79B0



655C66



8E00A6



210026

Previews

White Background



This preview shows how the Hex color 85CE79 looks on a white background.

Color Contrast Check

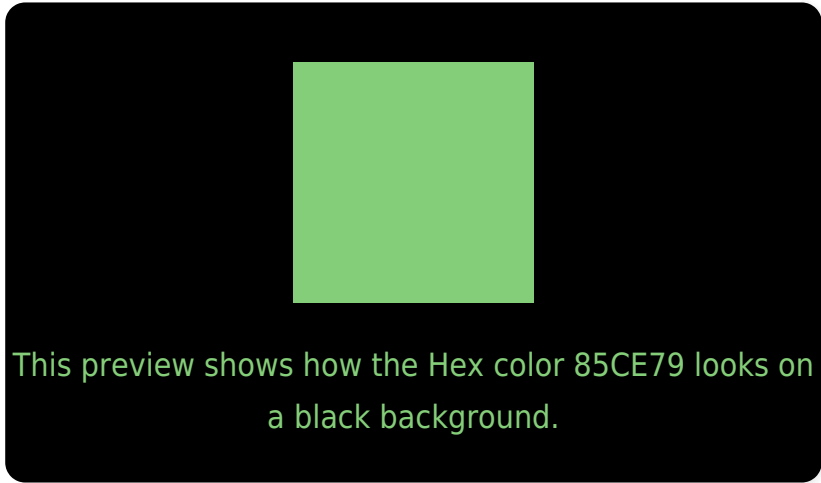
Large Text (above 18pt) WCAG AA × Fail

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 85CE79 Background



This preview shows how black text looks on a background with the Hex color 85CE79.

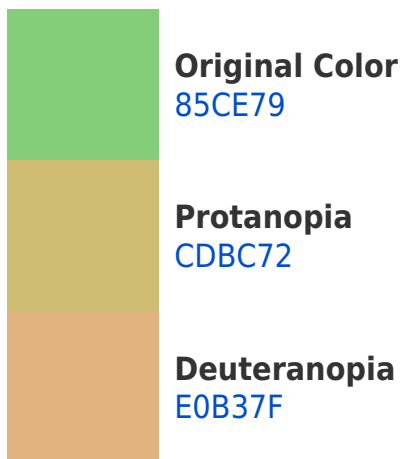


This preview shows how white text looks on a background with the Hex color 85CE79.

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](#).

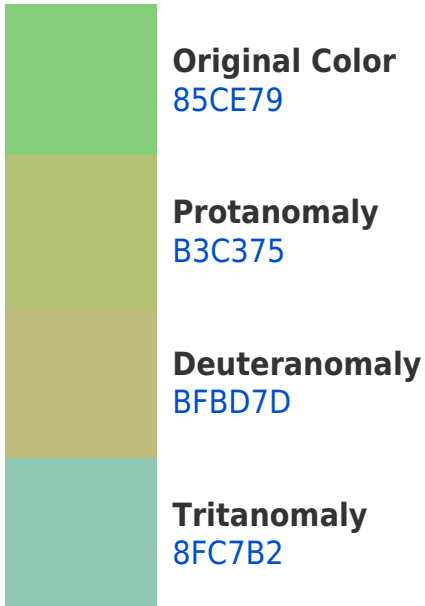
Dichromacy



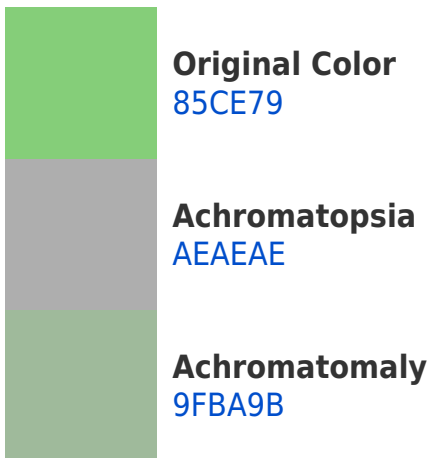


Tritanopia
95C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85CE79 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 #85CE79 looks like.

```
.text, #text, p{  
    color:#85CE79  
}
```

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 #85CE79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85CE79
}
```

Border

The CSS property to change the border of an element to Hex 85CE79 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
#85CE79 }
```

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

```
.border{ border-color:#85CE79 }
```

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

Here you see how a box with a 4 pixel #85CE79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85CE79; -webkit-box-shadow:4px 4px  
4px 4px #85CE79; box-shadow:4px 4px 4px  
4px #85CE79 }
```

Background

The CSS property to change the background color of an element to Hex 85CE79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85CE79 }
```

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

```
.background{ background-color:#85CE79 }
```

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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