

Converting Colors

Hex(85E585)

Have a look what the booklet for
Hex(85E585) contains.

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Color

Hex(85E585)

Conversions

Conversions Part 1

Format	Color
Hex	85E585
RGB	133, 229, 133
RGB Percent	52%, 90%, 52%
CMY	0.4784, 0.1020, 0.4784
CMYK	0.42, 0.00, 0.42, 0.10
HSL	120°, 65%, 71%
HSV	120°, 42%, 90%
XYZ	41.9258, 62.7186, 32.0865
YIQ	189.3520, -26.4000, -50.2080

Conversions

Conversions Part 2

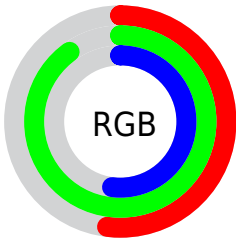
Format	Color
RYB	133, 229, 229
Decimal	8775045
CIELab	83.29, -47.38, 38.11
CIELCh	83, 60.800, 141.191
Yxy	62.7186, 0.3066, 0.4587
Android (android.graphics.Color)	4286965125 (0xFF85E585)
YUV	189.3520, -27.7815, -49.4207
Hunter-Lab	79.1951, -44.0937, 31.4148

Details

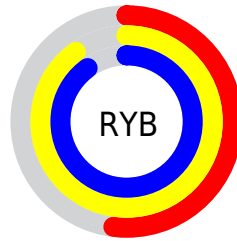
The Hex color **85E585** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E585E5**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **BEFFBB**, and **4CAD52** is the 20% darker color. If you saturate the color by 10%, you get **6EE56E**, and if you desaturate by 10%, it is **9CE59C**.

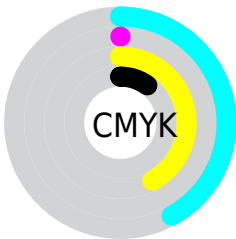
Distribution



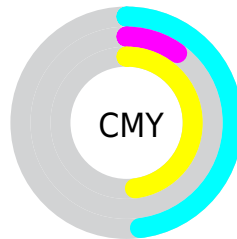
- Red (52%)
- Green (90%)
- Blue (52%)



- Red (52%)
- Yellow (90%)
- Blue (90%)



- Cyan (42%)
- Magenta (0%)
- Yellow (42%)
- Black (10%)



- Cyan (48%)
- Magenta (10%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85E585 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 85E585 by changing the saturation by 10% instead.

 85E585

 85E585

FFFFFF

 69C96B

 BEFFBB

 4CAD52

 DBFFD7

 2E9239

 F9FFF4

 007720

 005E04

 004500

 002E00

 001400

 000000

 85E585

 85E585

 6EE56E

 9CE59C

 57E557

 B3E5B3

 40E540

 CAE5CA

 29E529

 E1E5E1

 13E513

 F8E5F8

 00E500

 FFE5FF

Harmonies

Analogous

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



C9D960



85E585



00EBBC

Triad

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



85E585



0FDBFF



FFA1A9

Complementary

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



85E585



E585E5

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.



FFA0E3



85E585



B8C7FF

Square

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



85E585



00E7FF



FFB0FF



FFB178

Rectangle

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



85E585



00EDE4



FFB0FF



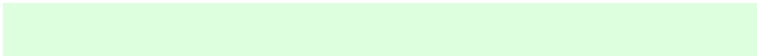
FF9FBC

Sweetspot

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



85E585



DEFFDE



E5E585



6B806B



000000



808080

Same Dimension

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



85E585



80FF80



85E5B5



677367



00B300



003300

Inverse Universe

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



E585E5



FF80FF



E585B5



736773



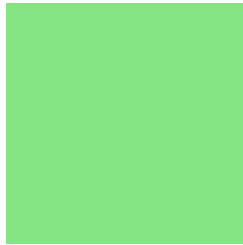
B300B3



330033

Previews

White Background



This preview shows how the Hex color 85E585 looks on a white background.

Color Contrast Check

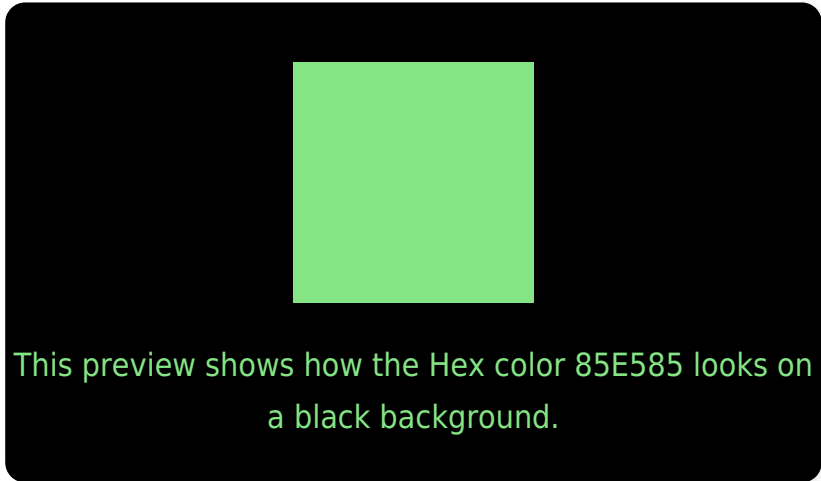
Large Text (above 18pt) WCAG AA × Fail

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

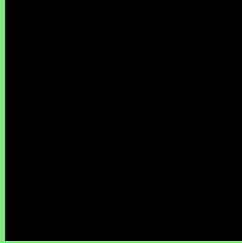
Any Text WCAG AA ✓ Pass

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 85E585 Background



This preview shows how black text looks on a background with the Hex color 85E585.

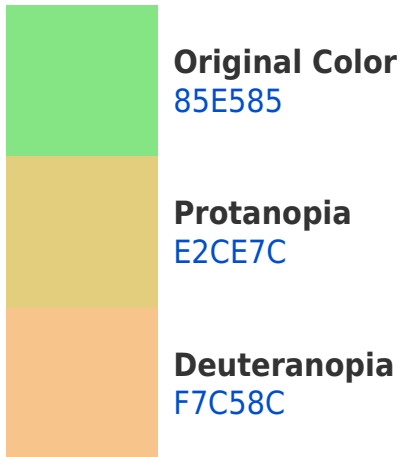


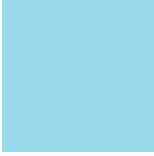
This preview shows how white text looks on a background with the Hex color 85E585.

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
99D9EB

Trichromacy



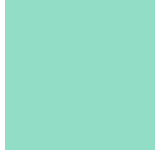
Original Color
85E585



Protanomaly
C0D67F



Deuteranomaly
CED189

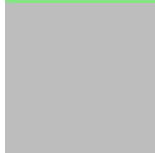


Tritanomaly
92DDC6

Monochromacy



Original Color
85E585



Achromatopsia
BDBDBD



Achromatomaly
A9CCA9

CSS Examples

Text

The CSS property to change the color of the text to Hex 85E585 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 #85E585 looks like.

```
.text, #text, p{  
    color:#85E585  
}
```

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 #85E585 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85E585
}
```

Border

The CSS property to change the border of an element to Hex 85E585 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
#85E585 }
```

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

```
.border{ border-color:#85E585 }
```

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

Here you see how a box with a 4 pixel #85E585 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85E585; -webkit-box-shadow:4px 4px  
4px 4px #85E585; box-shadow:4px 4px 4px  
4px #85E585 }
```

Background

The CSS property to change the background color of an element to Hex 85E585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85E585 }
```

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

```
.background{ background-color:#85E585 }
```

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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