

Converting Colors

Hex(85E4A9)

Have a look what the booklet for
Hex(85E4A9) contains.

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Color

Hex(85E4A9)

Conversions

Conversions Part 1

Format	Color
Hex	85E4A9
RGB	133, 228, 169
RGB Percent	52%, 89%, 66%
CMY	0.4784, 0.1059, 0.3373
CMYK	0.42, 0.00, 0.26, 0.11
HSL	143°, 64%, 71%
HSV	143°, 42%, 89%
XYZ	44.5777, 63.3379, 47.4121
YIQ	192.8690, -37.6810, -38.4890

Conversions

Conversions Part 2

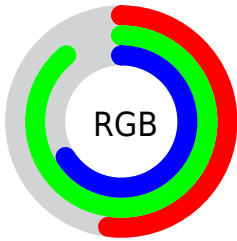
Format	Color
RYB	133, 202, 228
Decimal	8774825
CIELab	83.62, -40.92, 20.17
CIELCh	84, 45.621, 153.764
Yxy	63.3379, 0.2870, 0.4078
Android (android.graphics.Color)	4286964905 (0xFF85E4A9)
YUV	192.8690, -11.7674, -52.5051
Hunter-Lab	79.5851, -39.2915, 20.3881

Details

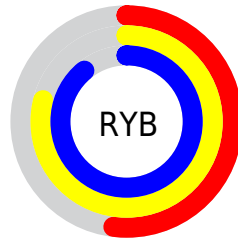
The Hex color **85E4A9** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E485C0**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **BEFFE0**, and **4DAC75** is the 20% darker color. If you saturate the color by 10%, you get **6EE49B**, and if you desaturate by 10%, it is **9CE4B7**.

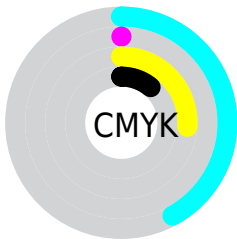
Distribution



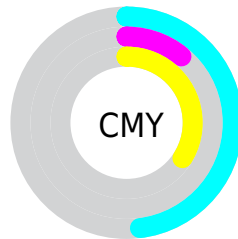
- Red (52%)
- Green (89%)
- Blue (66%)



- Red (52%)
- Yellow (79%)
- Blue (89%)



- Cyan (42%)
- Magenta (0%)
- Yellow (26%)
- Black (11%)



- Cyan (48%)
- Magenta (11%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85E4A9 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 85E4A9 by changing the saturation by 10% instead.

 85E4A9

 85E4A9

FFFFFF

 69C88E

 BEFFE0

 4DAC75

 DBFFFD

 30915C

 F8FFFF

 057744

 005D2D

 004518

 002E00

 001500

 000000

 85E4A9

 85E4A9

 6EE49B

 9CE4B7

 57E48D

 B3E4C5

 41E47F

 C9E4D3

 2AE470

 E0E4E2

 13E462

 F7E4F0

 00E456

 FFE4FE

 FFE4FF

Harmonies

Analogous

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



BADC87



85E4A9



44E7D5

Triad

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



85E4A9



9AD3FF



FFB4A3

Complementary

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



85E4A9



E485C0

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.



FFAFCD



85E4A9



DCC3FF

Square

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



85E4A9



47DFFF



FFB5F7



FFC184

Rectangle

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



85E4A9



00E7F2



FFB5F7



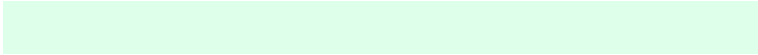
FFB1B0

Sweetspot

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



85E4A9



DEFFEA



C1E485



6B8073



000000



808080

Same Dimension

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



85E4A9



80FFB0



85E4D7



67736C



00B344



003313

Inverse Universe

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



E485C0



FF80CF



E48592



73676E



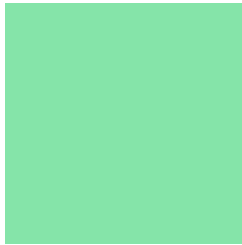
B3006F



330020

Previews

White Background



This preview shows how the Hex color 85E4A9 looks on a white background.

Color Contrast Check

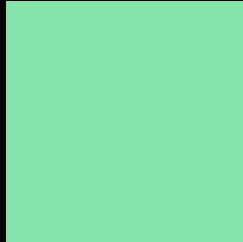
Large Text (above 18pt) WCAG AA × Fail

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 85E4A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

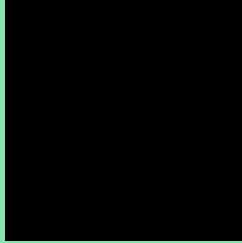
Any Text WCAG AA ✓ Pass

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 85E4A9 Background



This preview shows how black text looks on a background with the Hex color 85E4A9.

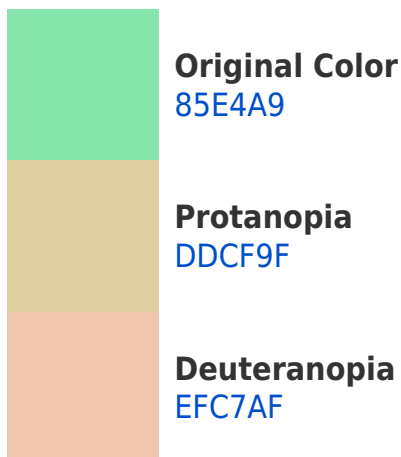


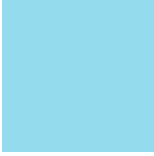
This preview shows how white text looks on a background with the Hex color 85E4A9.

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](#).

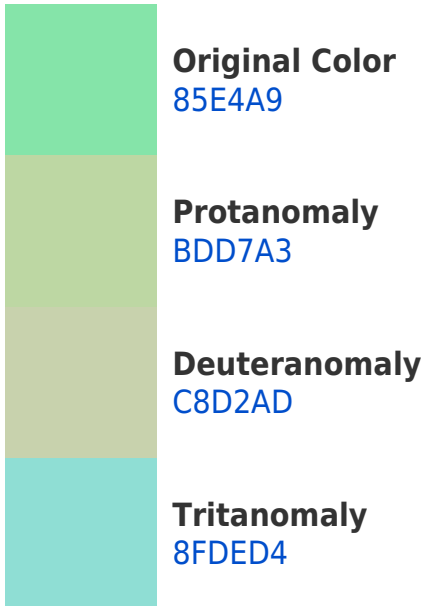
Dichromacy



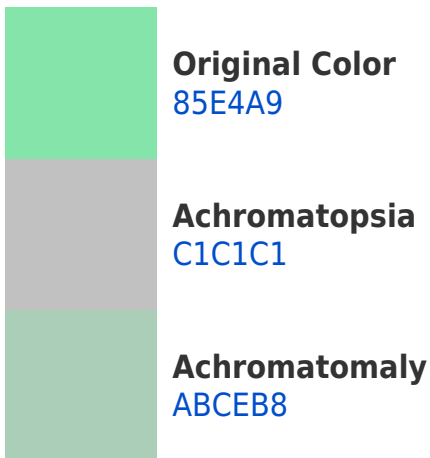


Tritanopia
94DBED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85E4A9 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 #85E4A9 looks like.

```
.text, #text, p{  
    color:#85E4A9  
}
```

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 #85E4A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85E4A9
}
```

Border

The CSS property to change the border of an element to Hex 85E4A9 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
#85E4A9 }
```

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

```
.border{ border-color:#85E4A9 }
```

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

Here you see how a box with a 4 pixel #85E4A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85E4A9; -webkit-box-shadow:4px 4px  
4px 4px #85E4A9; box-shadow:4px 4px 4px  
4px #85E4A9 }
```

Background

The CSS property to change the background color of an element to Hex 85E4A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85E4A9 }
```

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

```
.background{ background-color:#85E4A9 }
```

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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