

# Converting Colors

Hex(85EDAD)

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

<b>Hex(85EDAD)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(85EDAD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85EDAD
RGB	133, 237, 173
RGB Percent	52%, 93%, 68%
CMY	0.4784, 0.0706, 0.3216
CMYK	0.44, 0.00, 0.27, 0.07
HSL	143°, 74%, 73%
HSV	143°, 44%, 93%
XYZ	47.4999, 68.5720, 50.2674
YIQ	198.6080, -41.4400, -41.9520

# Conversions

## Conversions Part 2

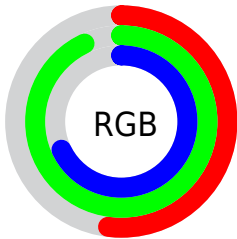
Format	Color
<a href="#">RYB</a>	<a href="#">133, 208, 237</a>
Decimal	<a href="#">8777133</a>
CIELab	<a href="#">86.29, -44.13, 21.79</a>
CIELCh	<a href="#">86, 49.215, 153.720</a>
Yxy	<a href="#">68.5720, 0.2856, 0.4122</a>
Android (android.graphics.Color)	<a href="#">4286967213 (0xFF85EDAD)</a>
YUV	<a href="#">198.6080, -12.6247, -57.5382</a>
Hunter-Lab	<a href="#">82.8082, -42.5245, 21.9747</a>

# Details

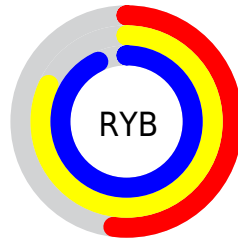
The Hex color **85EDAD** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **ED85C5**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **BEFFE5**, and **4CB478** is the 20% darker color. If you saturate the color by 10%, you get **6DED9E**, and if you desaturate by 10%, it is **9DEDBC**.

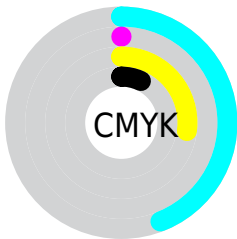
# Distribution



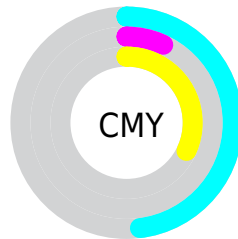
- Red (52%)
- Green (93%)
- Blue (68%)



- Red (52%)
- Yellow (82%)
- Blue (93%)



- Cyan (44%)
- Magenta (0%)
- Yellow (27%)
- Black (7%)



- Cyan (48%)
- Magenta (7%)
- Yellow (32%)

# Brightness & Saturation Gradients

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



 85EDAD

FFFFFF

 BEFFE5

 DBFFFF

 F9FFFF

 85EDAD

 69D092

 4CB478

 2C995F

 007F47

 006530

 004C1A

 003402

 001E00

 000000

 85EDAD

 85EDAD

 6DED9E

 9DEDBC

 56ED90

 B4EDCA

 3EED81

 CCEDD9

 26ED73

 E4EDE7

 0FED64

 FBEDF6

 00ED5B

 FFEDFF

# Harmonies

## Analogous

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



BFE488



85EDAD



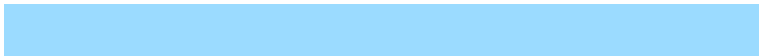
35F1DC

# Triad

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



85EDAD



9BDBFF



FFB8A6

# Complementary

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



85EDAD



ED85C5

# 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.



FFB3D4



85EDAD



E4CAFF

# Square

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



85EDAD



33E8FF



FFBAFF



FFC785

# Rectangle

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



85EDAD



00F0FC



FFBAFF



FFB5B5

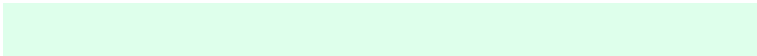


# Sweetspot

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



85EDAD



DEFFEB



C5ED85



6B8073



000000



808080



# Same Dimension

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



85EDAD



78FFAC



85EDE1



6A756E



00B546



003615



# Inverse Universe

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



ED85C5



FF78CB



ED8591



756A71



B5006F

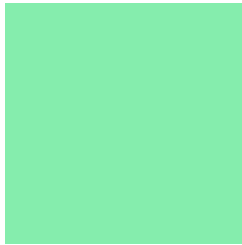


360021



# Previews

## White Background



This preview shows how the Hex color 85EDAD 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 85EDAD 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 85EDAD Background



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

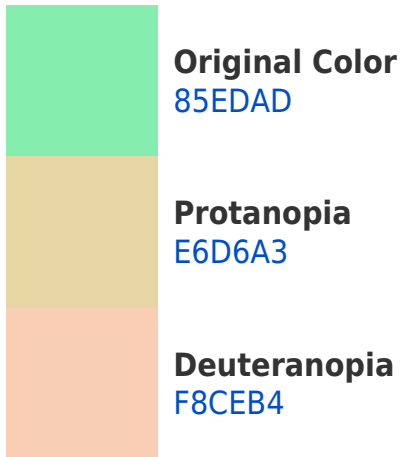


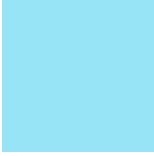
This preview shows how white text looks on a background with the Hex color 85EDAD.

# 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



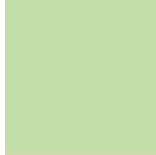


**Tritanopia**  
96E4F6

# Trichromacy



**Original Color**  
85EDAD



**Protanomaly**  
C3DEA7



**Deuteranomaly**  
CED9B1

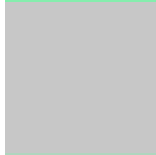


**Tritanomaly**  
90E7DB

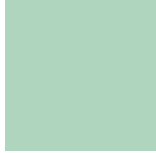
# Monochromacy



**Original Color**  
85EDAD



**Achromatopsia**  
C7C7C7



**Achromatomaly**  
AFD5BE

# CSS Examples

## Text

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

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

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 #85EDAD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor