

# Converting Colors

Hex(85E6B7)

Have a look what the booklet for  
Hex(85E6B7) contains.

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**Color**

**Hex(85E6B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85E6B7
RGB	133, 230, 183
RGB Percent	52%, 90%, 72%
CMY	0.4784, 0.0980, 0.2824
CMYK	0.42, 0.00, 0.20, 0.10
HSL	151°, 66%, 71%
HSV	151°, 42%, 90%
XYZ	46.5169, 64.9991, 54.8941
YIQ	195.6390, -42.7250, -35.1810

# Conversions

## Conversions Part 2

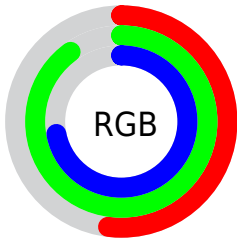
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 197, 230
Decimal	8775351
CIELab	84.48, -39.09, 14.07
CIElCh	84, 41.544, 160.206
Yxy	64.9991, 0.2795, 0.3906
Android (android.graphics.Color)	4286965431 (0xFF85E6B7)
YUV	195.6390, -6.2310, -54.9344
Hunter-Lab	80.6220, -38.0984, 16.0659

# Details

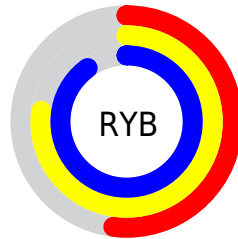
The Hex color **85E6B7** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E685B4**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **BEFFEF**, and **4DAE82** is the 20% darker color. If you saturate the color by 10%, you get **6EE6AC**, and if you desaturate by 10%, it is **9CE6C2**.

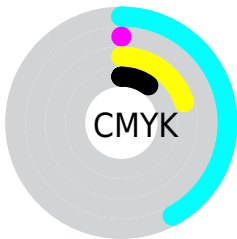
# Distribution



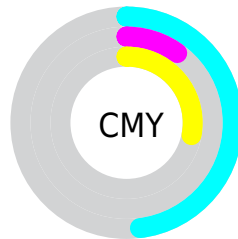
- Red (52%)
- Green (90%)
- Blue (72%)



- Red (52%)
- Yellow (77%)
- Blue (90%)



- Cyan (42%)
- Magenta (0%)
- Yellow (20%)
- Black (10%)



- Cyan (48%)
- Magenta (10%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85E6B7 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 85E6B7 by changing the saturation by 10% instead.



 85E6B7

FFFFFF

 BEFFEF

 DBFFFF

 F8FFFF

 85E6B7

 69CA9C

 4DAE82

 2F9369

 027951

 005F39

 004724

 002F0F

 001800

 000000

 85E6B7

 85E6B7

 6EE6AC

 9CE6C2

 57E6A1

 B3E6CD

 40E696

 CAE6D8

 29E68A

 E1E6E4

 12E67F

 F8E6EF

 00E677

 FFE6FA

 FFE6FF

# Harmonies

## Analogous

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



B5DF96



85E6B7



54E8DF

# Triad

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



85E6B7



B1D2FF



FFBBA2

# Complementary

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



85E6B7



E685B4

# 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.



FFB5C7



85E6B7



E9C4FF

# Square

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



85E6B7



71DEFF



FFB8EE



FFC78A

# Rectangle

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



85E6B7



3EE7F9



FFB8EE



FFB8AD

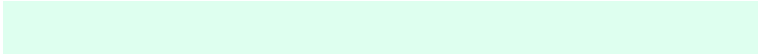


# Sweetspot

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



85E6B7



DEFFEF



B6E685



6B8076



000000



808080



# Same Dimension

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



85E6B7



7DFFC0



85E6E6



67736D



00B35C



00331A



# Inverse Universe

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



E685B4



FF7DBC



E68585



73676D



B30056

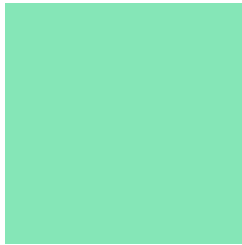


330019



# Previews

## White Background



This preview shows how the Hex color 85E6B7 looks on a white background.

## Color Contrast Check

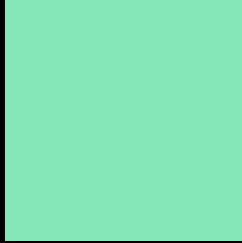
Large Text (above 18pt) WCAG AA × Fail

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 85E6B7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

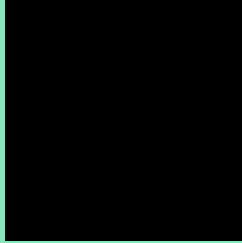
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 85E6B7 Background



This preview shows how black text looks on a background with the Hex color 85E6B7.

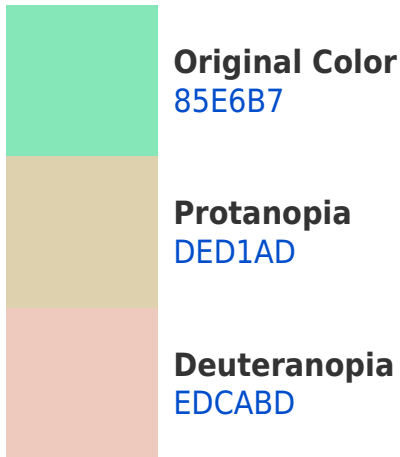


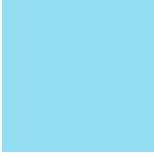
This preview shows how white text looks on a background with the Hex color 85E6B7.

# 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**  
93DEF0

# Trichromacy



**Original Color**  
85E6B7



**Protanomaly**  
BED9B1



**Deuteranomaly**  
C7D4BB

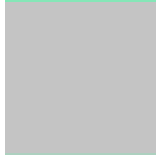


**Tritanomaly**  
8EE1DB

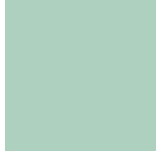
# Monochromacy



**Original Color**  
85E6B7



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
ADD0BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85E6B7 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 #85E6B7 looks like.

```
.text, #text, p{  
    color:#85E6B7  
}
```

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 #85E6B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85E6B7
}
```

## Border

The CSS property to change the border of an element to Hex 85E6B7 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
#85E6B7 }
```

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

```
.border{ border-color:#85E6B7 }
```

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

Here you see how a box with a 4 pixel #85E6B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85E6B7; -webkit-box-shadow:4px 4px  
4px 4px #85E6B7; box-shadow:4px 4px 4px  
4px #85E6B7 }
```

# Background

The CSS property to change the background color of an element to Hex 85E6B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85E6B7 }
```

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

```
.background{ background-color:#85E6B7 }
```

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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