

# Converting Colors

Hex(83E09B)

Have a look what the booklet for  
Hex(83E09B) contains.

<b>Hex(83E09B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(83E09B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83E09B
RGB	131, 224, 155
RGB Percent	51%, 88%, 61%
CMY	0.4863, 0.1216, 0.3922
CMYK	0.42, 0.00, 0.31, 0.12
HSL	135°, 60%, 70%
HSV	135°, 42%, 88%
XYZ	41.9321, 60.5032, 40.4786
YIQ	188.3270, -33.2790, -41.1750

# Conversions

## Conversions Part 2

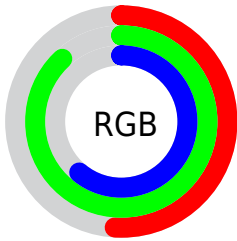
Format	Color
<a href="#">RYB</a>	<a href="#">131, 205, 224</a>
Decimal	<a href="#">8642715</a>
CIELab	<a href="#">82.11, -42.26, 25.35</a>
CIELCh	<a href="#">82, 49.278, 149.044</a>
Yxy	<a href="#">60.5032, 0.2934, 0.4234</a>
Android (android.graphics.Color)	<a href="#">4286832795 (0xFF83E09B)</a>
YUV	<a href="#">188.3270, -16.4302, -50.2758</a>
Hunter-Lab	<a href="#">77.7838, -39.8948, 23.5942</a>

# Details

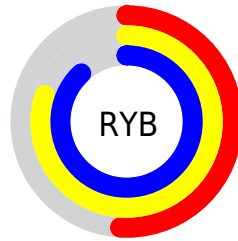
The Hex color **83E09B** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E083C8**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **BBFFD2**, and **4BA867** is the 20% darker color. If you saturate the color by 10%, you get **6DE08A**, and if you desaturate by 10%, it is **99E0AC**.

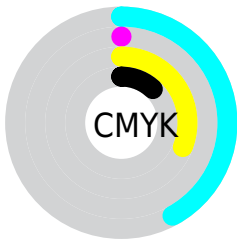
# Distribution



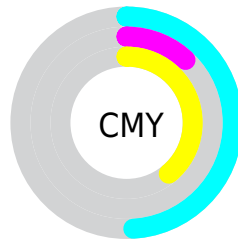
- Red (51%)
- Green (88%)
- Blue (61%)



- Red (51%)
- Yellow (80%)
- Blue (88%)



- Cyan (42%)
- Magenta (0%)
- Yellow (31%)
- Black (12%)



- Cyan (49%)
- Magenta (12%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83E09B 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 83E09B by changing the saturation by 10% instead.



 83E09B

 83E09B

FFFFFF

 67C481

 BBFFD2

 4BA867

 D8FFEE

 2E8D4F


 F6FFFF

 027337

 005A21

 00410A

 002B00

 000E00

 000000

 83E09B

 83E09B

 6DE08A

 99E0AC

 56E07A

 B0E0BC

 40E069

 C6E0CD

 29E059

 DDE0DD

 13E048

 F3E0EE

 00E03A

 FFE0FF

# Harmonies

## Analogous

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



BBD779



83E09B



32E4C9

# Triad

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



83E09B



80D1FF



FFABA2

# Complementary

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



83E09B



E083C8

# 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.



FFA7D0



83E09B



CEC1FF

# Square

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



83E09B



00DDFF



FFB0FC



FFB97E

# Rectangle

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



83E09B



00E4E9



FFB0FC



FFA8B0

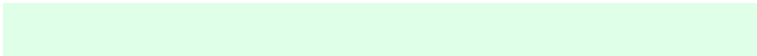


# Sweetspot

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



83E09B



E0FFE8



C9E083



6E8072



000000



808080



# Same Dimension

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



83E09B



80FFA0



83E0C9



657068



00B02D



00300D



# Inverse Universe

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



E083C8



FF80DE



E0839A



70656D



B00083



300024



# Previews

## White Background



This preview shows how the Hex color 83E09B looks on a white background.

## Color Contrast Check

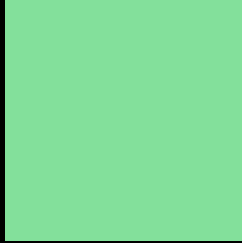
Large Text (above 18pt) WCAG AA × Fail

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 83E09B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

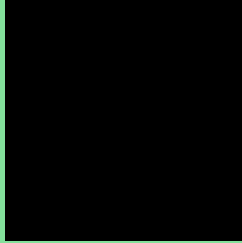
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 83E09B Background



This preview shows how black text looks on a background with the Hex color 83E09B.

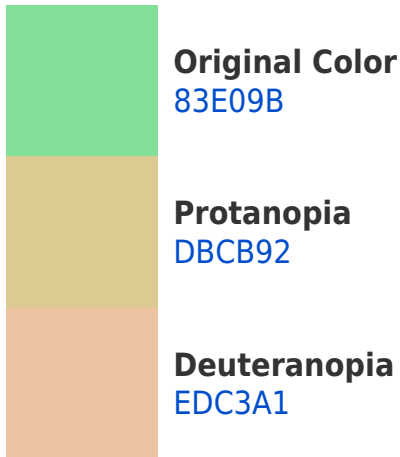


This preview shows how white text looks on a background with the Hex color 83E09B.

# 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](#).

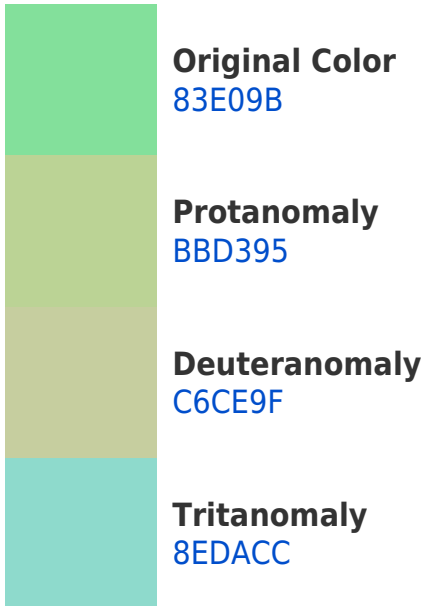
## Dichromacy



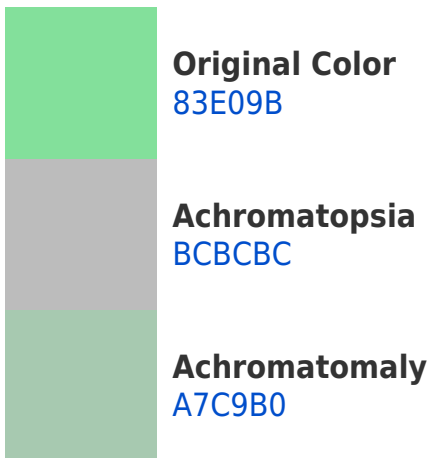


**Tritanopia**  
94D6E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83E09B 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 #83E09B looks like.

```
.text, #text, p{  
    color:#83E09B  
}
```

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 #83E09B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83E09B
}
```

## Border

The CSS property to change the border of an element to Hex 83E09B 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
#83E09B }
```

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

```
.border{ border-color:#83E09B }
```

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

Here you see how a box with a 4 pixel #83E09B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83E09B; -webkit-box-shadow:4px 4px  
4px 4px #83E09B; box-shadow:4px 4px 4px  
4px #83E09B }
```

# Background

The CSS property to change the background color of an element to Hex 83E09B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83E09B }
```

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

```
.background{ background-color:#83E09B }
```

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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