

Converting Colors

Hex(83EC7D)

Have a look what the booklet for
Hex(83EC7D) contains.

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Color

Hex(83EC7D)

Conversions

Conversions Part 1

Format	Color
Hex	83EC7D
RGB	131, 236, 125
RGB Percent	51%, 93%, 49%
CMY	0.4863, 0.0745, 0.5098
CMYK	0.44, 0.00, 0.47, 0.07
HSL	117°, 74%, 71%
HSV	117°, 47%, 93%
XYZ	43.0572, 66.2969, 29.9293
YIQ	191.9510, -26.9490, -56.7810

Conversions

Conversions Part 2

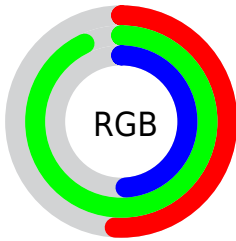
Format	Color
RYB	125, 236, 230
Decimal	8645757
CIELab	85.15, -51.97, 44.35
CIELCh	85, 68.326, 139.524
Yxy	66.2969, 0.3091, 0.4760
Android (android.graphics.Color)	4286835837 (0xFF83EC7D)
YUV	191.9510, -33.0068, -53.4540
Hunter-Lab	81.4229, -48.0976, 35.2023

Details

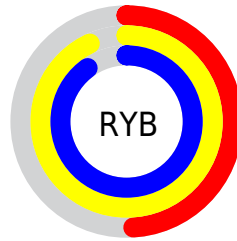
The Hex color **83EC7D** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E67DEC**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **BDFFB3**, and **48B349** is the 20% darker color. If you saturate the color by 10%, you get **6DEC65**, and if you desaturate by 10%, it is **99EC95**.

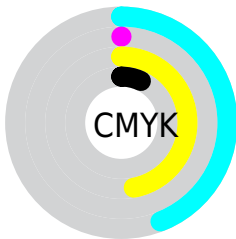
Distribution



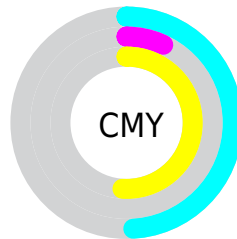
- Red (51%)
- Green (93%)
- Blue (49%)



- Red (49%)
- Yellow (93%)
- Blue (90%)



- Cyan (44%)
- Magenta (0%)
- Yellow (47%)
- Black (7%)



- Cyan (49%)
- Magenta (7%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83EC7D 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 83EC7D by changing the saturation by 10% instead.

 83EC7D

 83EC7D

FFFFFF

 66CF63

 BDFFB3

 48B349

 DAFFCF

 279830

 F8FFEC

 007D14

 006300

 004A00

 003300

 001B00

 000000

 83EC7D

 83EC7D

 6DEC65

 99EC95

 56EC4E

 B0ECAC

 40EC36

 C6ECC4

 2AEC1F

 DCECDB

 13EC07

 F3ECF3

 0DEC00

 FFECFF

Harmonies

Analogous

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



D0DE53



83EC7D



00F3BB

Triad

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



83EC7D



00E2FF



FF9EAD

Complementary

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



83EC7D



E67DEC

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.



FF9EEE



83EC7D



B0CDFF

Square

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



83EC7D



00EFFF



FFB2FF



FFB174

Rectangle

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



83EC7D



00F5E8



FFB2FF



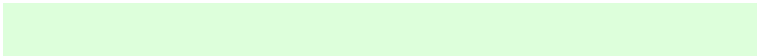
FF9BC3

Sweetspot

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



83EC7D



Ddffdb



ECE57D



6B806A



000000



808080

Same Dimension

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



83EC7D



78FF70



7DECAD



6A756A



0AB500



033600

Inverse Universe

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



E67DEC



F770FF



EC7DBC



756A75



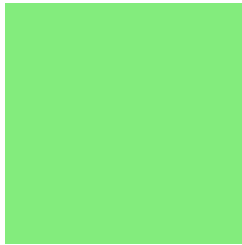
AB00B5



330036

Previews

White Background



This preview shows how the Hex color 83EC7D looks on a white background.

Color Contrast Check

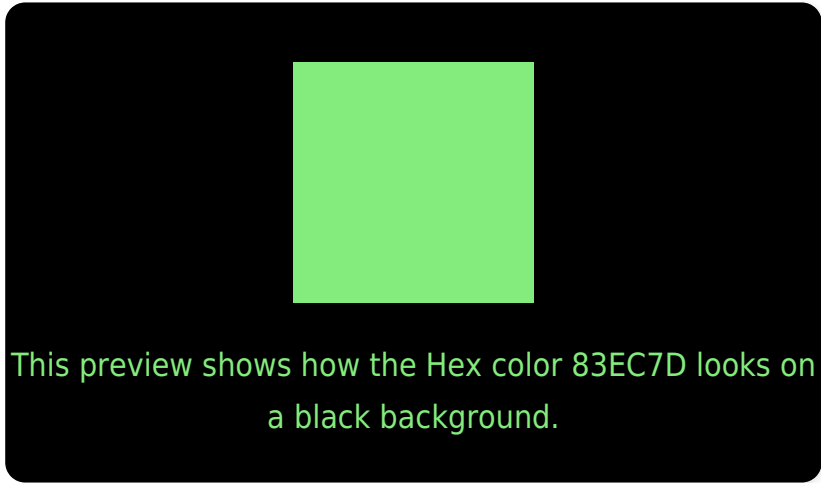
Large Text (above 18pt) WCAG AA × Fail

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

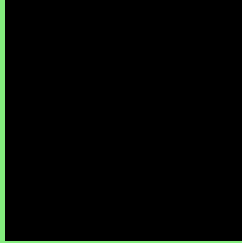
Any Text WCAG AA ✓ Pass

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 83EC7D Background



This preview shows how black text looks on a background with the Hex color 83EC7D.

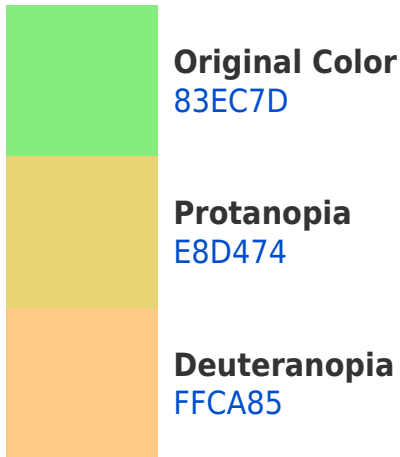


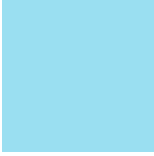
This preview shows how white text looks on a background with the Hex color 83EC7D.

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
9ADFF1

Trichromacy



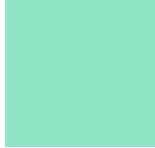
Original Color
83EC7D



Protanomaly
C3DD77



Deuteranomaly
D2D682



Tritanomaly
92E4C7

Monochromacy



Original Color
83EC7D



Achromatopsia
C0C0C0



Achromatomaly
AAD0A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 83EC7D 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 #83EC7D looks like.

```
.text, #text, p{  
    color:#83EC7D  
}
```

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 #83EC7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83EC7D
}
```

Border

The CSS property to change the border of an element to Hex 83EC7D 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
#83EC7D }
```

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

```
.border{ border-color:#83EC7D }
```

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

Here you see how a box with a 4 pixel #83EC7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83EC7D; -webkit-box-shadow:4px 4px  
4px 4px #83EC7D; box-shadow:4px 4px 4px  
4px #83EC7D }
```

Background

The CSS property to change the background color of an element to Hex 83EC7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83EC7D }
```

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

```
.background{ background-color:#83EC7D }
```

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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