

Converting Colors

Hex(83EFA7)

Have a look what the booklet for
Hex(83EFA7) contains.

Hex(83EFA7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(83EFA7)

Conversions

Conversions Part 1

Format	Color
Hex	83EFA7
RGB	131, 239, 167
RGB Percent	51%, 94%, 65%
CMY	0.4863, 0.0627, 0.3451
CMYK	0.45, 0.00, 0.30, 0.06
HSL	140°, 77%, 73%
HSV	140°, 45%, 94%
XYZ	47.2016, 69.3483, 47.4570
YIQ	198.5000, -41.2560, -45.2880

Conversions

Conversions Part 2

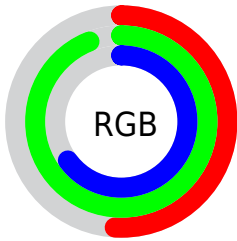
Format	Color
RYB	131, 212, 239
Decimal	8646567
CIELab	86.68, -46.62, 25.39
CIELCh	87, 53.083, 151.426
Yxy	69.3483, 0.2878, 0.4228
Android (android.graphics.Color)	4286836647 (0xFF83EFA7)
YUV	198.5000, -15.5295, -59.1975
Hunter-Lab	83.2756, -44.5564, 24.5049

Details

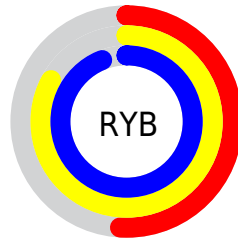
The Hex color **83EFA7** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EF83CB**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **BDFFDE**, and **49B673** is the 20% darker color. If you saturate the color by 10%, you get **6BEF97**, and if you desaturate by 10%, it is **9BEFB7**.

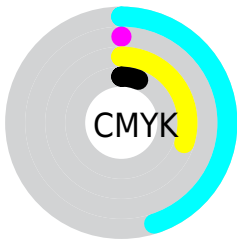
Distribution



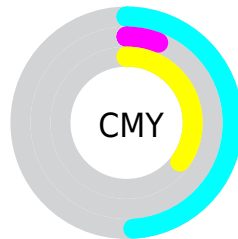
- Red (51%)
- Green (94%)
- Blue (65%)



- Red (51%)
- Yellow (83%)
- Blue (94%)



- Cyan (45%)
- Magenta (0%)
- Yellow (30%)
- Black (6%)



- Cyan (49%)
- Magenta (6%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83EFA7 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 83EFA7 by changing the saturation by 10% instead.

 83EFA7

FFFFFF

 BDFFDE

 DAFFFB

 F8FFFF

 83EFA7

 66D28C

 49B673

 289B5A

 008042

 00662B

 004D14

 003500

 001F00

 000000

 83EFA7

 83EFA7

 6BEF97

 9BEFB7

 53EF87

 B3EFC7

 3BEF77

 CBEFD7

 23EF67

 E3EFE7

 0BEF57

 FAEFF7

 00EF50

 FFEFFF

Harmonies

Analogous

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



C2E680



83EFA7



10F3DA

Triad

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



83EFA7



8CDDFF



FFB5A7

Complementary

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



83EFA7



EF83CB

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.



FFB0D9



83EFA7



E1CBFF

Square

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



83EFA7



00EBFF



FFB9FF



FFC581

Rectangle

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



83EFA7



00F3FC



FFB9FF



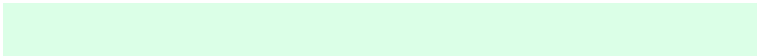
FFB2B7

Sweetspot

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



83EFA7



DBFFE7



CBEF83



6A8071



000000



808080

Same Dimension

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



83EFA7



75FFA3



83EFDD



6C7870



00B83D



003813

Inverse Universe

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



EF83CB



FF75D1



EF8395



786C74



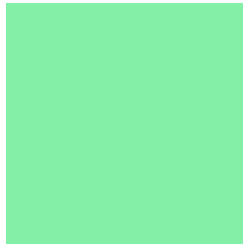
B8007A



380025

Previews

White Background



This preview shows how the Hex color 83EFA7 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

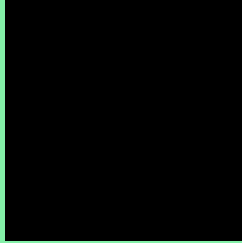
Any Text WCAG AA ✓ Pass

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 83EFA7 Background



This preview shows how black text looks on a background with the Hex color 83EFA7.

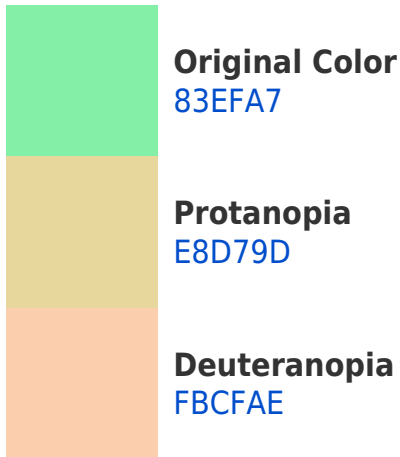


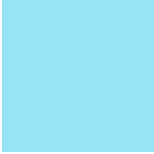
This preview shows how white text looks on a background with the Hex color 83EFA7.

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
96E5F7

Trichromacy



Original Color
83EFA7



Protanomaly
C3E0A1



Deuteranomaly
CFDBAB



Tritanomaly
8FE9DA

Monochromacy



Original Color
83EFA7



Achromatopsia
C7C7C7



Achromatomaly
AED6BB

CSS Examples

Text

The CSS property to change the color of the text to Hex 83EFA7 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 #83EFA7 looks like.

```
.text, #text, p{  
    color:#83EFA7  
}
```

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 #83EFA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83EFA7
}
```

Border

The CSS property to change the border of an element to Hex 83EFA7 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
#83EFA7 }
```

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

```
.border{ border-color:#83EFA7 }
```

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

Here you see how a box with a 4 pixel #83EFA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83EFA7; -webkit-box-shadow:4px 4px  
4px 4px #83EFA7; box-shadow:4px 4px 4px  
4px #83EFA7 }
```

Background

The CSS property to change the background color of an element to Hex 83EFA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83EFA7 }
```

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

```
.background{ background-color:#83EFA7 }
```

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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