

Converting Colors

Hex(83E4AA)

Have a look what the booklet for
Hex(83E4AA) contains.

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Color

Hex(83E4AA)

Conversions

Conversions Part 1

Format	Color
Hex	83E4AA
RGB	131, 228, 170
RGB Percent	51%, 89%, 67%
CMY	0.4863, 0.1059, 0.3333
CMYK	0.43, 0.00, 0.25, 0.11
HSL	144°, 64%, 70%
HSV	144°, 43%, 89%
XYZ	44.3592, 63.2144, 47.8938
YIQ	192.3850, -39.1940, -38.6020

Conversions

Conversions Part 2

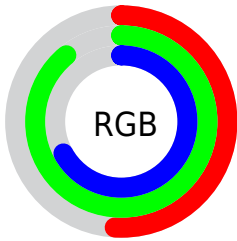
Format	Color
RYB	131, 200, 228
Decimal	8643754
CIELab	83.56, -41.28, 19.54
CIELCh	84, 45.671, 154.663
Yxy	63.2144, 0.2853, 0.4066
Android (android.graphics.Color)	4286833834 (0xFF83E4AA)
YUV	192.3850, -11.0358, -53.8346
Hunter-Lab	79.5075, -39.5485, 19.9400

Details

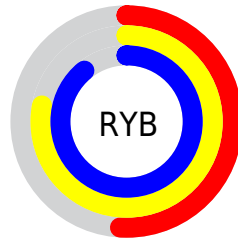
The Hex color **83E4AA** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E483BD**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **BCFFE1**, and **4BAC76** is the 20% darker color. If you saturate the color by 10%, you get **6CE49C**, and if you desaturate by 10%, it is **9AE4B8**.

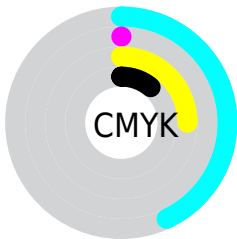
Distribution



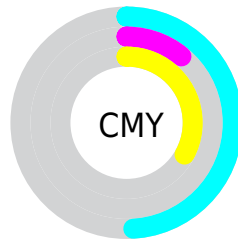
- Red (51%)
- Green (89%)
- Blue (67%)



- Red (51%)
- Yellow (78%)
- Blue (89%)



- Cyan (43%)
- Magenta (0%)
- Yellow (25%)
- Black (11%)



- Cyan (49%)
- Magenta (11%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83E4AA 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 83E4AA by changing the saturation by 10% instead.

 83E4AA

 83E4AA

FFFFFF

 67C88F

 BCFFE1

 4BAC76

 D9FFFE

 2D915D

 F6FFFF

 007745

 005D2E

 004518

 002E00

 001500

 000000

 83E4AA

 83E4AA

 6CE49C

 9AE4B8

 55E48F

 B1E4C5

 3FE481

 C7E4D3

 28E473

 DEE4E1

 11E466

 F5E4EE

 00E45C

 FFE4FC

 FFE4FF

Harmonies

Analogous

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



B8DC88



83E4AA



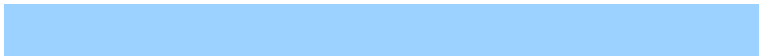
41E7D6

Triad

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



83E4AA



9CD2FF



FFB4A1

Complementary

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



83E4AA



E483BD

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.



FFAECB



83E4AA



DEC3FF

Square

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



83E4AA



49DEFF



FFB4F6



FFC183

Rectangle

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



83E4AA



00E7F3



FFB4F6



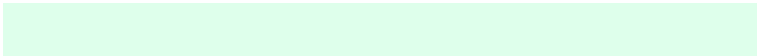
FFB1AF

Sweetspot

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



83E4AA



DEFFEB



BDE483



6B8073



000000



808080

Same Dimension

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



83E4AA



7DFFB1



83E4DA



67736C



00B348



003315

Inverse Universe

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



E483BD



FF7DCB



E4838D



73676E



B3006B



33001E

Previews

White Background



This preview shows how the Hex color 83E4AA 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 83E4AA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

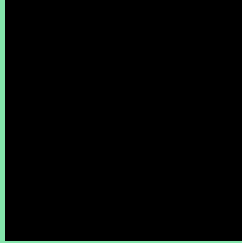
Any Text WCAG AA ✓ Pass

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 83E4AA Background



This preview shows how black text looks on a background with the Hex color 83E4AA.

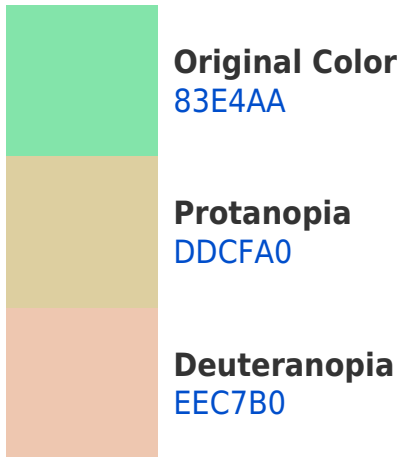


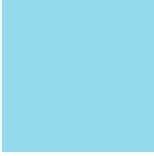
This preview shows how white text looks on a background with the Hex color 83E4AA.

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



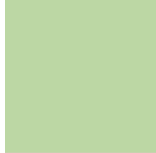


Tritanopia
93DBED

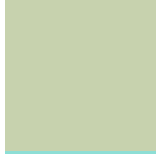
Trichromacy



Original Color
83E4AA



Protanomaly
BCD7A4



Deuteranomaly
C7D2AE

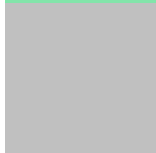


Tritanomaly
8DDED5

Monochromacy



Original Color
83E4AA



Achromatopsia
C0C0C0



Achromatomaly
AACDB8

CSS Examples

Text

The CSS property to change the color of the text to Hex 83E4AA 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 #83E4AA looks like.

```
.text, #text, p{  
    color:#83E4AA  
}
```

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 #83E4AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83E4AA
}
```

Border

The CSS property to change the border of an element to Hex 83E4AA 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
#83E4AA }
```

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

```
.border{ border-color:#83E4AA }
```

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

Here you see how a box with a 4 pixel #83E4AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83E4AA; -webkit-box-shadow:4px 4px  
4px 4px #83E4AA; box-shadow:4px 4px 4px  
4px #83E4AA }
```

Background

The CSS property to change the background color of an element to Hex 83E4AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83E4AA }
```

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

```
.background{ background-color:#83E4AA }
```

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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