

# Converting Colors

Hex(84E2AA)

Have a look what the booklet for  
Hex(84E2AA) contains.

<b>Hex(84E2AA)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(84E2AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84E2AA
RGB	132, 226, 170
RGB Percent	52%, 89%, 67%
CMY	0.4824, 0.1137, 0.3333
CMYK	0.42, 0.00, 0.25, 0.11
HSL	144°, 62%, 70%
HSV	144°, 42%, 89%
XYZ	43.9678, 62.2005, 47.7188
YIQ	191.5100, -38.0480, -37.3440

# Conversions

## Conversions Part 2

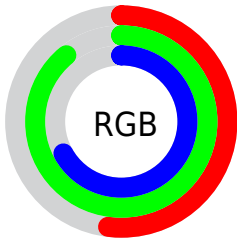
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">132, 199, 226</a>
Decimal	<a href="#">8708778</a>
CIELab	<a href="#">83.02, -40.11, 18.81</a>
CIELCh	<a href="#">83, 44.305, 154.881</a>
Yxy	<a href="#">62.2005, 0.2857, 0.4042</a>
Android (android.graphics.Color)	<a href="#">4286898858 (0xFF84E2AA)</a>
YUV	<a href="#">191.5100, -10.6044, -52.1903</a>
Hunter-Lab	<a href="#">78.8673, -38.5057, 19.3336</a>

# Details

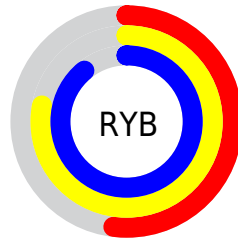
The Hex color **84E2AA** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E284BC**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **BDFFE1**, and **4CAA76** is the 20% darker color. If you saturate the color by 10%, you get **6DE29D**, and if you desaturate by 10%, it is **9BE2B7**.

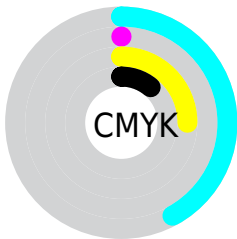
# Distribution



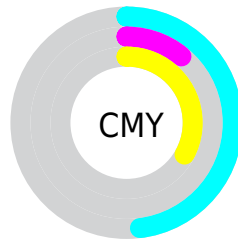
- Red (52%)
- Green (89%)
- Blue (67%)



- Red (52%)
- Yellow (78%)
- Blue (89%)



- Cyan (42%)
- Magenta (0%)
- Yellow (25%)
- Black (11%)



- Cyan (48%)
- Magenta (11%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84E2AA 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 84E2AA by changing the saturation by 10% instead.



 84E2AA

 84E2AA

FFFFFF

 68C68F

 BDFFE1

 4CAA76

 D9FFFE

 2F8F5D

 F7FFFF

 047545

 005C2E

 004319

 002C00

 001200

 000000

 84E2AA

 84E2AA

 6DE29D

 9BE2B7

 57E28F

 B1E2C5

 40E282

 C8E2D2

 2AE274

 DEE2E0

 13E267

 F5E2ED

 00E25B

 FFE2FB

 FFE2FF

# Harmonies

## Analogous

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



B7DA89



84E2AA



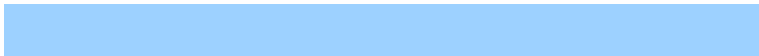
48E5D4

# Triad

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



84E2AA



9DD1FF



FFB3A1

# Complementary

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



84E2AA



E284BC

# 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.



FFAEC9



84E2AA



DCC1FF

# Square

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



84E2AA



51DCFF



FFB4F3



FFC084

# Rectangle

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



84E2AA



14E4F0



FFB4F3



FFB0AE

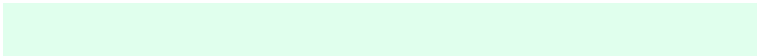


# Sweetspot

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



84E2AA



E0FFED



BCE284



6E8075



000000



808080

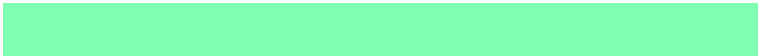


# Same Dimension

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



84E2AA



80FFB3



84E2D9



65706A



00B047



003014



# Inverse Universe

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



E284BC



FF80CB



E2848D



70656C



B00069



30001D



# Previews

## White Background



This preview shows how the Hex color 84E2AA 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 84E2AA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

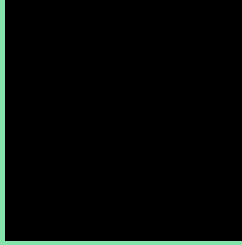
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 84E2AA Background



This preview shows how black text looks on a background with the Hex color 84E2AA.

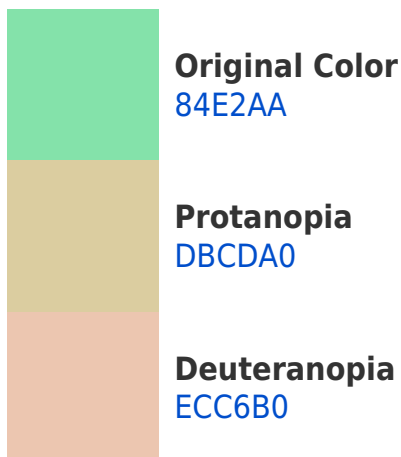


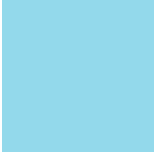
This preview shows how white text looks on a background with the Hex color 84E2AA.

# 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](#).

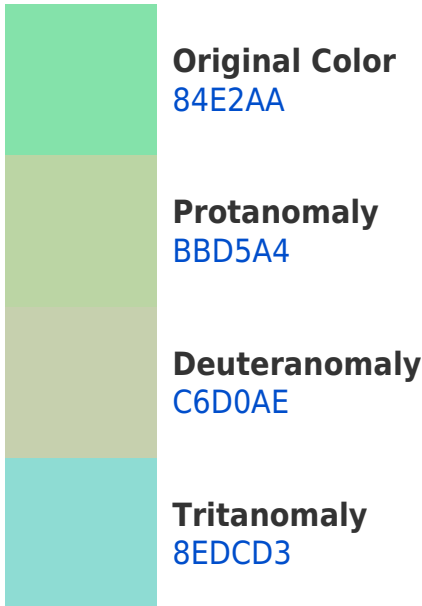
## Dichromacy



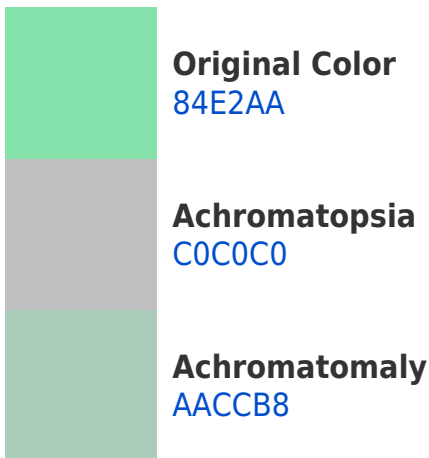


**Tritanopia**  
93D9EB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84E2AA 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 #84E2AA looks like.

```
.text, #text, p{  
    color:#84E2AA  
}
```

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 #84E2AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84E2AA
}
```

## Border

The CSS property to change the border of an element to Hex 84E2AA 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
#84E2AA }
```

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

```
.border{ border-color:#84E2AA }
```

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

Here you see how a box with a 4 pixel #84E2AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84E2AA; -webkit-box-shadow:4px 4px  
4px 4px #84E2AA; box-shadow:4px 4px 4px  
4px #84E2AA }
```

# Background

The CSS property to change the background color of an element to Hex 84E2AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84E2AA }
```

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

```
.background{ background-color:#84E2AA }
```

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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