

Converting Colors

Hex(87E0AA)

Have a look what the booklet for
Hex(87E0AA) contains.

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Color

Hex(87E0AA)

Conversions

Conversions Part 1

Format	Color
Hex	87E0AA
RGB	135, 224, 170
RGB Percent	53%, 88%, 67%
CMY	0.4706, 0.1216, 0.3333
CMYK	0.40, 0.00, 0.24, 0.12
HSL	144°, 59%, 70%
HSV	144°, 40%, 88%
XYZ	43.9030, 61.3645, 47.5608
YIQ	191.2330, -35.7100, -35.6620

Conversions

Conversions Part 2

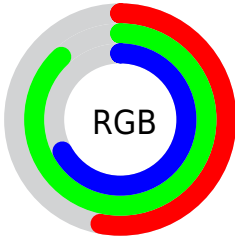
Format	Color
RYB	135, 199, 224
Decimal	8904874
CIELab	82.57, -38.38, 18.21
CIELCh	83, 42.483, 154.624
Yxy	61.3645, 0.2873, 0.4015
Android (android.graphics.Color)	4287094954 (0xFF87E0AA)
YUV	191.2330, -10.4679, -49.3163
Hunter-Lab	78.3355, -37.0470, 18.8374

Details

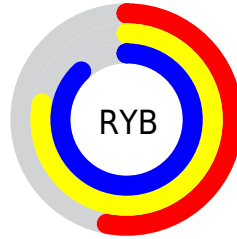
The Hex color **87E0AA** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E087BD**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **BFFFE1**, and **50A876** is the 20% darker color. If you saturate the color by 10%, you get **71E09C**, and if you desaturate by 10%, it is **9DE0B8**.

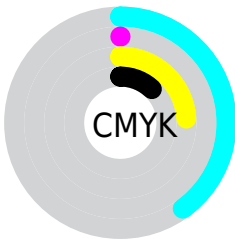
Distribution



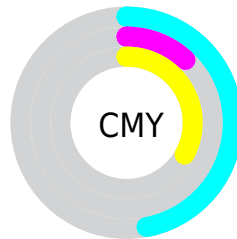
- Red (53%)
- Green (88%)
- Blue (67%)



- Red (53%)
- Yellow (78%)
- Blue (88%)



- Cyan (40%)
- Magenta (0%)
- Yellow (24%)
- Black (12%)



- Cyan (47%)
- Magenta (12%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87E0AA 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 87E0AA by changing the saturation by 10% instead.

 87E0AA

 87E0AA

FFFFFF

 6BC48F

 BFFFE1

 50A876

 DCFFFE

 348D5D

 FAFFFF

 107345

 005A2E

 004219

 002B00

 001000

 000000

 87E0AA

 87E0AA

 71E09C

 9DE0B8

 5AE08F

 B4E0C5

 44E081

 CAE0D3

 2DE074

 E1E0E0

 17E066

 F7E0EE

 01E058

 FFE0FC

 00E058

 FFE0FF

Harmonies

Analogous

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



B7D98A



87E0AA



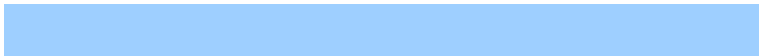
51E3D3

Triad

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



87E0AA



9ECFFF



FFB3A2

Complementary

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



87E0AA



E087BD

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



87E0AA



DAC1FF

Square

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



87E0AA



59DBFF



FFB4F0



FFBF86

Rectangle

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



87E0AA



2FE2ED



FFB4F0



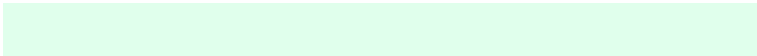
FFB1AE

Sweetspot

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



87E0AA



E0FFEC



BEE087



6E8075



000000



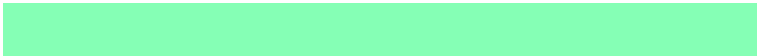
808080

Same Dimension

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



87E0AA



85FFB5



87E0D6



657069



00B045



003013

Inverse Universe

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



E087BD



FF85CF



E08791



70656C



B0006B



30001D

Previews

White Background



This preview shows how the Hex color 87E0AA 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 87E0AA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

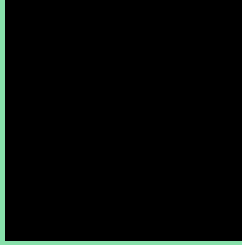
Any Text WCAG AA ✓ Pass

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 87E0AA Background



This preview shows how black text looks on a background with the Hex color 87E0AA.

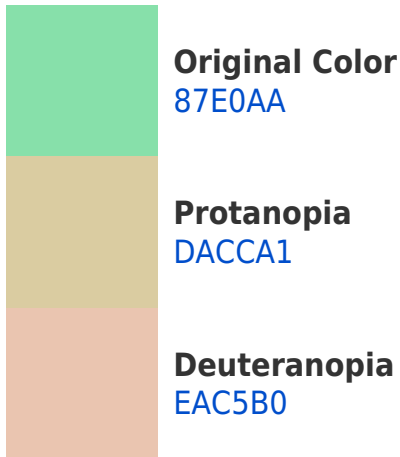


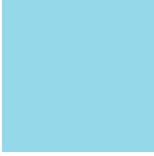
This preview shows how white text looks on a background with the Hex color 87E0AA.

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](#).

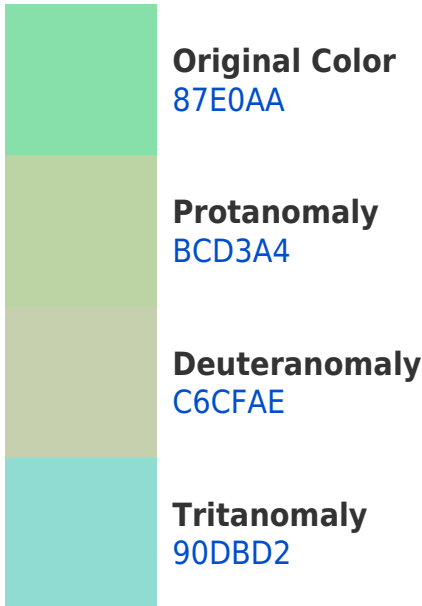
Dichromacy



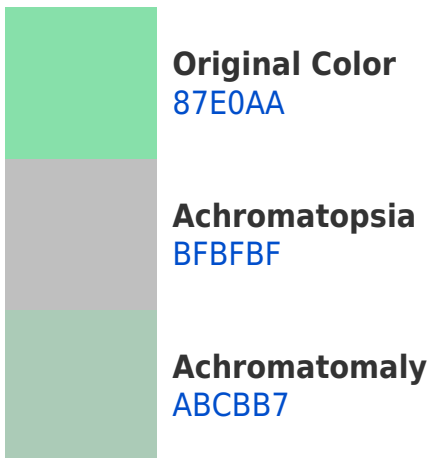


Tritanopia
95D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87E0AA 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 #87E0AA looks like.

```
.text, #text, p{  
    color:#87E0AA  
}
```

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 #87E0AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87E0AA
}
```

Border

The CSS property to change the border of an element to Hex 87E0AA 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
#87E0AA }
```

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

```
.border{ border-color:#87E0AA }
```

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

Here you see how a box with a 4 pixel #87E0AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87E0AA; -webkit-box-shadow:4px 4px  
4px 4px #87E0AA; box-shadow:4px 4px 4px  
4px #87E0AA }
```

Background

The CSS property to change the background color of an element to Hex 87E0AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87E0AA }
```

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

```
.background{ background-color:#87E0AA }
```

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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