

Converting Colors

Hex(86E0AE)

Have a look what the booklet for
Hex(86E0AE) contains.

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Color

Hex(86E0AE)

Conversions

Conversions Part 1

Format	Color
Hex	86E0AE
RGB	134, 224, 174
RGB Percent	53%, 88%, 68%
CMY	0.4745, 0.1216, 0.3176
CMYK	0.40, 0.00, 0.22, 0.12
HSL	147°, 59%, 70%
HSV	147°, 40%, 88%
XYZ	44.1272, 61.4356, 49.5769
YIQ	191.3900, -37.5900, -34.6300

Conversions

Conversions Part 2

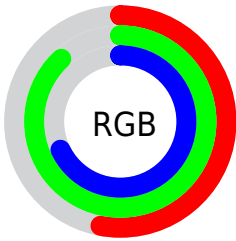
Format	Color
RYB	134, 196, 224
Decimal	8839342
CIELab	82.61, -37.89, 16.16
CIELCh	83, 41.193, 156.906
Yxy	61.4356, 0.2844, 0.3960
Android (android.graphics.Color)	4287029422 (0xFF86E0AE)
YUV	191.3900, -8.5733, -50.3310
Hunter-Lab	78.3809, -36.6740, 17.3649

Details

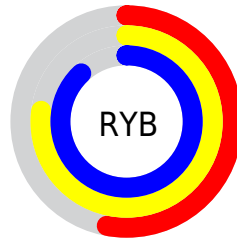
The Hex color **86E0AE** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E086B8**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **BEFFE6**, and **4FA879** is the 20% darker color. If you saturate the color by 10%, you get **70E0A2**, and if you desaturate by 10%, it is **9CE0BA**.

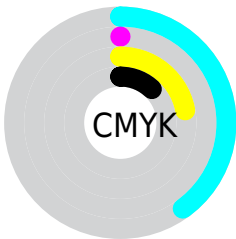
Distribution



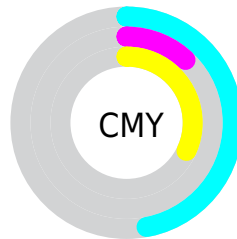
- Red (53%)
- Green (88%)
- Blue (68%)



- Red (53%)
- Yellow (77%)
- Blue (88%)



- Cyan (40%)
- Magenta (0%)
- Yellow (22%)
- Black (12%)



- Cyan (47%)
- Magenta (12%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86E0AE 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 86E0AE by changing the saturation by 10% instead.

 86E0AE

FFFFFF

 BEFFE6

 DBFFFF

 F9FFFF

 86E0AE

 6AC493

 4FA879

 328D61

 0D7349

 005A32

 00421C

 002B04

 001100

 000000

 86E0AE

 86E0AE

 70E0A2

 9CE0BA

 59E095

 B3E0C7

 43E089

 C9E0D3

 2CE07C

 E0E0E0

 16E070

 F6E0EC

 00E064

 FFE0F9

 FFE0FF

Harmonies

Analogous

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



B5D98E



86E0AE



54E3D6

Triad

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



86E0AE



A5CEFF



FFB5A1

Complementary

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



86E0AE



E086B8

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.



FFB0C6



86E0AE



DEC0FF

Square

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



86E0AE



65DAFF



FFB4ED



FFC187

Rectangle

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



86E0AE



3AE2EF



FFB4ED



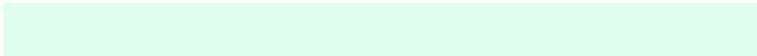
FFB2AD

Sweetspot

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



86E0AE



E0FFEE



B9E086



6E8076



000000



808080

Same Dimension

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



86E0AE



85FFBB



86E0DA



65706A



00B04E



003016

Inverse Universe

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



E086B8



FF85C9



E0868C



70656B



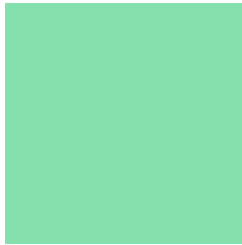
B00062



30001B

Previews

White Background



This preview shows how the Hex color 86E0AE looks on a white background.

Color Contrast Check

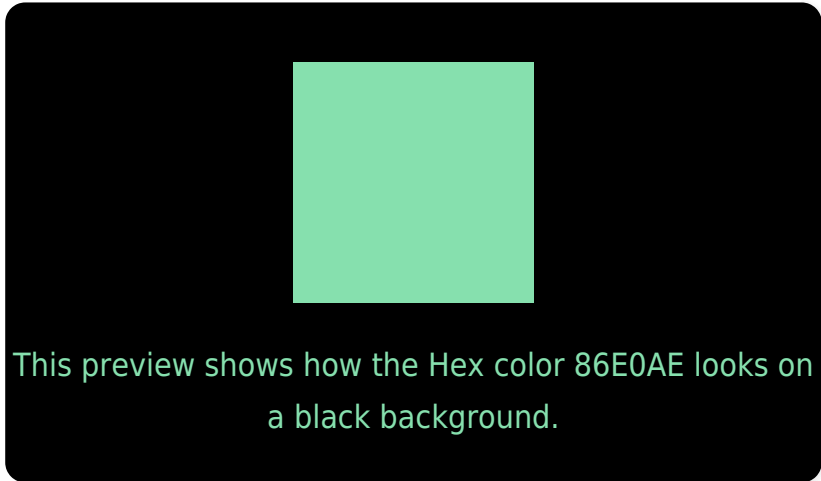
Large Text (above 18pt) WCAG AA × Fail

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 86E0AE Background



This preview shows how black text looks on a background with the Hex color 86E0AE.

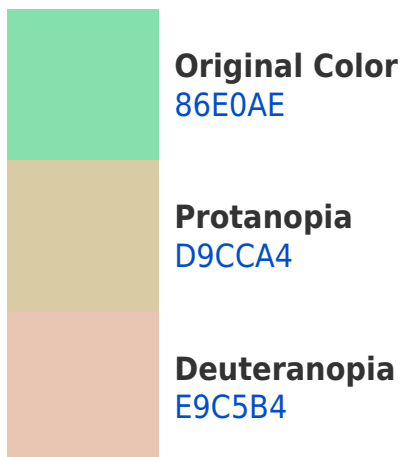


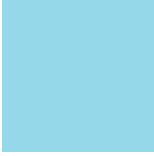
This preview shows how white text looks on a background with the Hex color 86E0AE.

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](#).

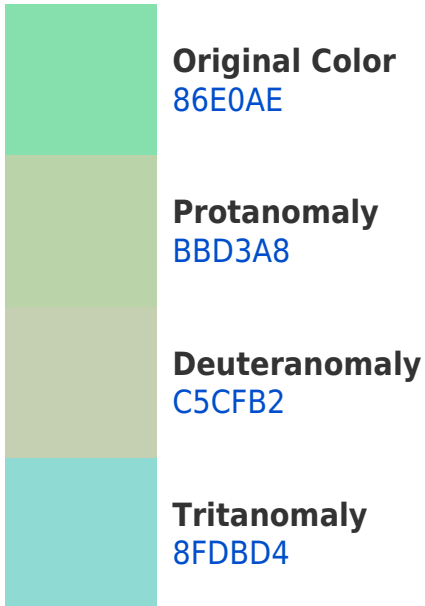
Dichromacy



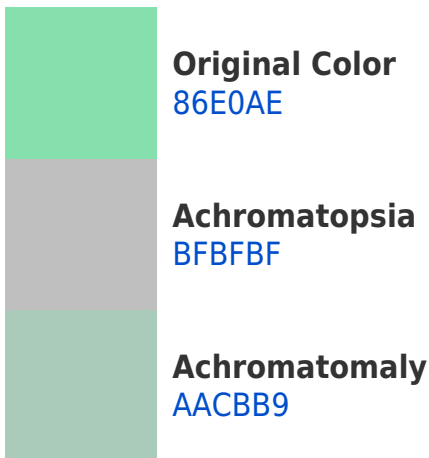


Tritanopia
94D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86E0AE 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 #86E0AE looks like.

```
.text, #text, p{  
    color:#86E0AE  
}
```

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 #86E0AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86E0AE
}
```

Border

The CSS property to change the border of an element to Hex 86E0AE 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
#86E0AE }
```

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

```
.border{ border-color:#86E0AE }
```

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

Here you see how a box with a 4 pixel #86E0AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86E0AE; -webkit-box-shadow:4px 4px  
4px 4px #86E0AE; box-shadow:4px 4px 4px  
4px #86E0AE }
```

Background

The CSS property to change the background color of an element to Hex 86E0AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86E0AE }
```

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

```
.background{ background-color:#86E0AE }
```

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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