

Converting Colors

Hex(8AEA96)

Have a look what the booklet for
Hex(8AEA96) contains.

Hex(8AEA96)	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(8AEA96)

Conversions

Conversions Part 1

Format	Color
Hex	8AEA96
RGB	138, 234, 150
RGB Percent	54%, 92%, 59%
CMY	0.4588, 0.0824, 0.4118
CMYK	0.41, 0.00, 0.36, 0.08
HSL	128°, 70%, 73%
HSV	128°, 41%, 92%
XYZ	45.4091, 66.4509, 39.2872
YIQ	195.7200, -30.2520, -46.4760

Conversions

Conversions Part 2

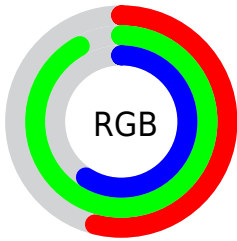
Format	Color
RYB	138, 223, 234
Decimal	9104022
CIELab	85.23, -45.44, 32.14
CIELCh	85, 55.663, 144.727
Yxy	66.4509, 0.3004, 0.4396
Android (android.graphics.Color)	4287294102 (0xFF8AEA96)
YUV	195.7200, -22.5400, -50.6204
Hunter-Lab	81.5174, -43.2226, 28.4875

Details

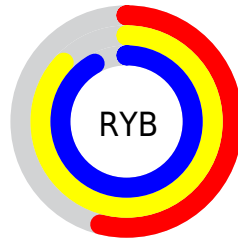
The Hex color **8AEA96** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EA8ADE**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **C3FFCD**, and **52B262** is the 20% darker color. If you saturate the color by 10%, you get **73EA82**, and if you desaturate by 10%, it is **A1EAAA**.

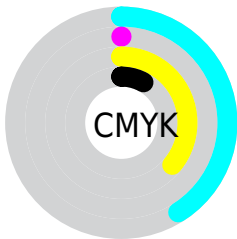
Distribution



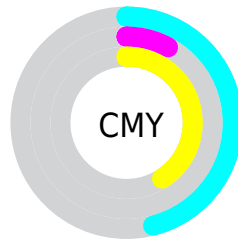
- Red (54%)
- Green (92%)
- Blue (59%)



- Red (54%)
- Yellow (87%)
- Blue (92%)



- Cyan (41%)
- Magenta (0%)
- Yellow (36%)
- Black (8%)



- Cyan (46%)
- Magenta (8%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AEA96 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 8AEA96 by changing the saturation by 10% instead.

 8AEA96

 8AEA96

FFFFFF

 6ECD7C

 C3FFCD

 52B262

 E0FFE9

 34964A

FEFFFF

 0D7C32

 00621A

 004901

 003200

 001B00

 000000

 8AEA96

 8AEA96

 73EA82

 A1EAAA

 5BEA6D

 B9EABF

 44EA59

 D0EAD3

 2CEA44

 E8EAE8

 15EA30

 FFEAFC

 00EA1D

 FFEAFF

Harmonies

Analogous

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



C9DF72



8AEA96



1AEFC9

Triad

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



8AEA96



65DDFF



FFADAC

Complementary

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



8AEA96



EA8ADE

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.



FFAAE0



8AEA96



CBCBFF

Square

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



8AEA96



00EAFF



FFB7FF



FFBC80

Rectangle

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



8AEA96



00F0EE



FFB7FF



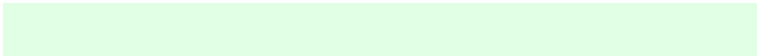
FFAABD

Sweetspot

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



8AEA96



E0FFE4



DFEA8A



6E8070



000000



808080

Same Dimension

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



8AEA96



82FF92



8AEAC5



6A756B



00B517



003607

Inverse Universe

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



EA8ADE



FF82EF



EA8AAF



756A74



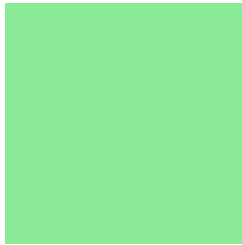
B5009E



36002F

Previews

White Background



This preview shows how the Hex color 8AEA96 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 8AEA96 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

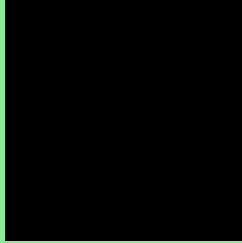
Any Text WCAG AA ✓ Pass

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 8AEA96 Background



This preview shows how black text looks on a background with the Hex color 8AEA96.

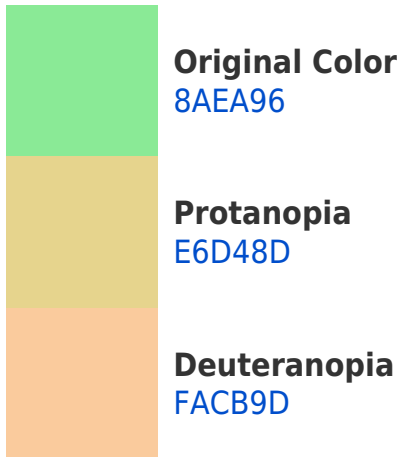


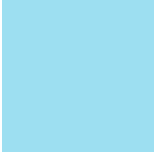
This preview shows how white text looks on a background with the Hex color 8AEA96.

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



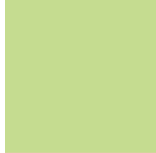


Tritanopia
9DDFF1

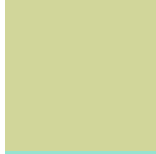
Trichromacy



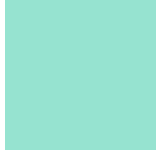
Original Color
8AEA96



Protanomaly
C5DC90



Deuteranomaly
D1D69A

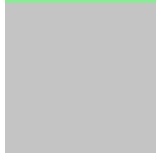


Tritanomaly
96E3D0

Monochromacy



Original Color
8AEA96



Achromatopsia
C4C4C4



Achromatomaly
AFD2B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 8AEA96 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 #8AEA96 looks like.

```
.text, #text, p{  
    color:#8AEA96  
}
```

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 #8AEA96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AEA96
}
```

Border

The CSS property to change the border of an element to Hex 8AEA96 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
#8AEA96 }
```

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

```
.border{ border-color:#8AEA96 }
```

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

Here you see how a box with a 4 pixel #8AEA96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AEA96; -webkit-box-shadow:4px 4px  
4px 4px #8AEA96; box-shadow:4px 4px 4px  
4px #8AEA96 }
```

Background

The CSS property to change the background color of an element to Hex 8AEA96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AEA96 }
```

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

```
.background{ background-color:#8AEA96 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor