

# Converting Colors

Hex(A8E97F)

Have a look what the booklet for  
Hex(A8E97F) contains.

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# Color

Hex(A8E97F)

# Conversions

## Conversions Part 1

Format	Color
Hex	A8E97F
RGB	168, 233, 127
RGB Percent	66%, 91%, 50%
CMY	0.3412, 0.0863, 0.5020
CMYK	0.28, 0.00, 0.45, 0.09
HSL	97°, 71%, 71%
HSV	97°, 45%, 91%
XYZ	49.1181, 68.1350, 30.6412
YIQ	201.4810, -4.7140, -46.7460

# Conversions

## Conversions Part 2

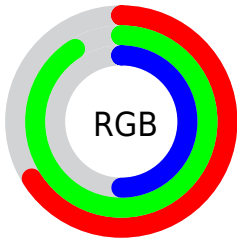
Format	Color
<a href="#">RYB</a>	<a href="#">127, 233, 192</a>
Decimal	<a href="#">11069823</a>
CIELab	<a href="#">86.07, -38.73, 44.93</a>
CIElCh	<a href="#">86, 59.319, 130.766</a>
Yxy	<a href="#">68.1350, 0.3321, 0.4607</a>
Android (android.graphics.Color)	<a href="#">4289259903 (0xFFA8E97F)</a>
YUV	<a href="#">201.4810, -36.7191, -29.3628</a>
Hunter-Lab	<a href="#">82.5439, -38.2346, 35.7716</a>

# Details

The Hex color **A8E97F** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C07FE9**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **E1FFB5**, and **71B14B** is the 20% darker color. If you saturate the color by 10%, you get **9AE968**, and if you desaturate by 10%, it is **B6E996**.

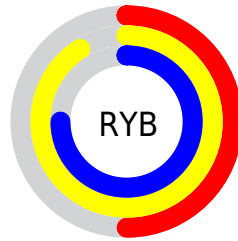
# Distribution



Red (66%)

Green (91%)

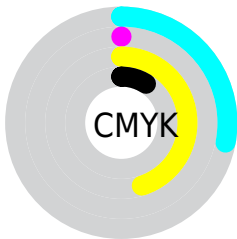
Blue (50%)



Red (50%)

Yellow (91%)

Blue (75%)

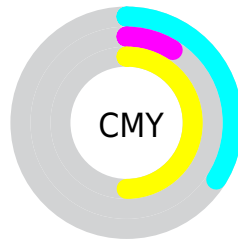


Cyan (28%)

Magenta (0%)

Yellow (45%)

Black (9%)



Cyan (34%)

Magenta (9%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8E97F 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 A8E97F by changing the saturation by 10% instead.



 A8E97F

FFFFFF


 E1FFB5

 FFFFD1

 FFFFEE

 A8E97F

 8CCD65

 71B14B

 569632

 3B7C16

 1E6200

 004A00

 003200

 001D00

 000000

 A8E97F

 A8E97F

 9AE968

 B6E996

 8BE950

 C5E9AE

 7DE939

 D3E9C5

 6FE922

 E1E9DC

 61E90B

 EFE9F4

 5AE900

 FEE9FF

 FFE9FF

# Harmonies

## Analogous

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



E5DB65



A8E97F



54F1B0

# Triad

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



A8E97F



00E7FF



FFA8C5

# Complementary

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



A8E97F



C07FE9

# 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.



FFAEFE



A8E97F



9ED6FF

# Square

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



A8E97F



00F1FF



F6C1FF



FFB391

# Rectangle

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



A8E97F



00F4D7



F6C1FF



FFA8D8

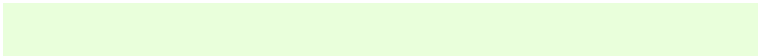


# Sweetspot

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



A8E97F



E9FFDB



E9BF7F



72806A



000000



808080

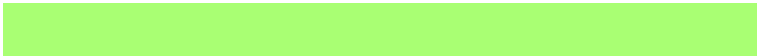


# Same Dimension

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



A8E97F



A9FF73



7FE98A



6E756A



46B500



153600



# Inverse Universe

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



C07FE9



C973FF



E97FDE



716A75



6F00B5

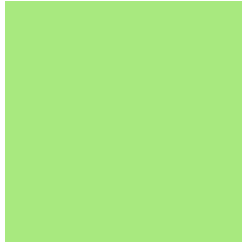


210036



# Previews

## White Background



This preview shows how the Hex color A8E97F looks on a white background.

## Color Contrast Check

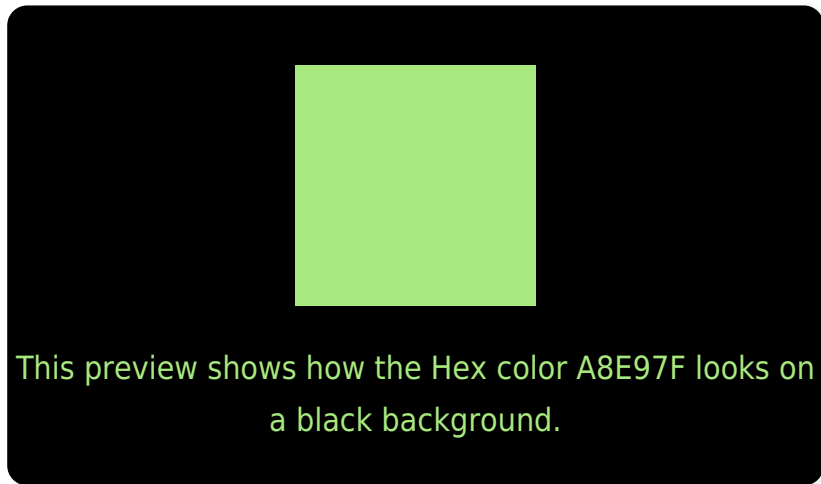
Large Text (above 18pt) WCAG AA × Fail

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 A8E97F Background



This preview shows how black text looks on a background with the Hex color A8E97F.

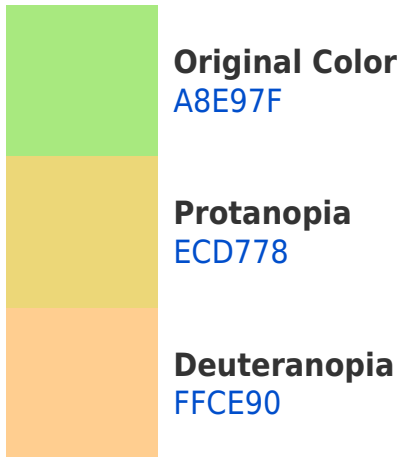


This preview shows how white text looks on a background with the Hex color A8E97F.

# Color Blindness Simulation

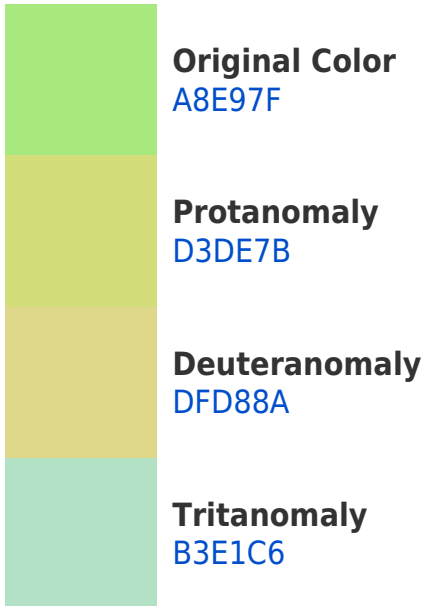
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

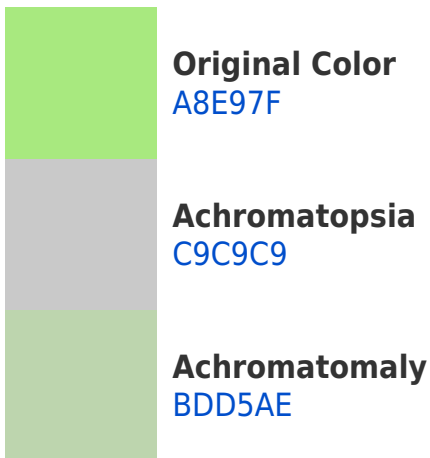




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8E97F 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 #A8E97F looks like.

```
.text, #text, p{  
    color:#A8E97F  
}
```

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 #A8E97F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8E97F
}
```

## Border

The CSS property to change the border of an element to Hex A8E97F 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
#A8E97F }
```

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

```
.border{ border-color:#A8E97F }
```

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

Here you see how a box with a 4 pixel #A8E97F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8E97F; -webkit-box-shadow:4px 4px  
4px 4px #A8E97F; box-shadow:4px 4px 4px  
4px #A8E97F }
```

# Background

The CSS property to change the background color of an element to Hex A8E97F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8E97F }
```

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

```
.background{ background-color:#A8E97F }
```

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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