

# Converting Colors

Hex(A8E6B7)

Have a look what the booklet for  
Hex(A8E6B7) contains.

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# **Color**

**Hex(A8E6B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8E6B7
RGB	168, 230, 183
RGB Percent	66%, 90%, 72%
CMY	0.3412, 0.0980, 0.2824
CMYK	0.27, 0.00, 0.20, 0.10
HSL	135°, 55%, 78%
HSV	135°, 27%, 90%
XYZ	52.9925, 68.3374, 55.1972
YIQ	206.1040, -21.8650, -27.7610

# Conversions

## Conversions Part 2

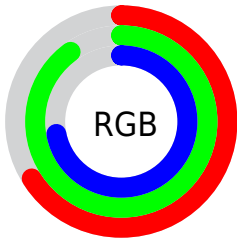
Format	Color
<a href="#">RYB</a>	<a href="#">168, 218, 230</a>
Decimal	<a href="#">11069111</a>
CIELab	<a href="#">86.17, -28.88, 16.69</a>
CIELCh	<a href="#">86, 33.361, 149.977</a>
Yxy	<a href="#">68.3374, 0.3002, 0.3871</a>
Android (android.graphics.Color)	<a href="#">4289259191</a> ( <a href="#">0xFFA8E6B7</a> )
YUV	<a href="#">206.1040, -11.3903, -33.4172</a>
Hunter-Lab	<a href="#">82.6664, -30.2405, 18.2780</a>

# Details

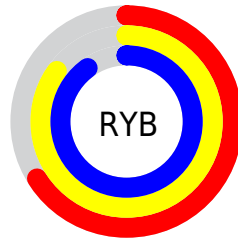
The Hex color **A8E6B7** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E6A8D7**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **E0FFEF**, and **72AE82** is the 20% darker color. If you saturate the color by 10%, you get **91E6A6**, and if you desaturate by 10%, it is **BFE6C8**.

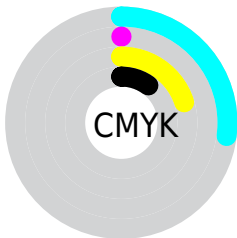
# Distribution



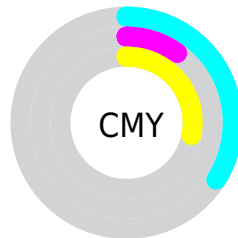
- Red (66%)
- Green (90%)
- Blue (72%)



- Red (66%)
- Yellow (85%)
- Blue (90%)



- Cyan (27%)
- Magenta (0%)
- Yellow (20%)
- Black (10%)



- Cyan (34%)
- Magenta (10%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8E6B7 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 A8E6B7 by changing the saturation by 10% instead.



 A8E6B7

 A8E6B7

FFFFFF

 8DCA9C

 E0FFE7

 72AE82

FDFDFF

 589369

 3F7950

 266039

 074823

 00310E

 001E00

 000000

 A8E6B7

 A8E6B7

 91E6A6

 BFE6C8

 7AE694

 D6E6DA

 63E683

 EDE6EB

 4CE671

 FFE6FD

 35E660

 FFE6FF

 1EE64E

 07E63D

 00E638

# Harmonies

## Analogous

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



CDDFA0



A8E6B7



87E9D6

# Triad

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



A8E6B7



AFDAFF



FFC3B9

# Complementary

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



A8E6B7



E6A8D7

# 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.



FFC0D9



A8E6B7



DCCFFF

# Square

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



A8E6B7



86E3FF



FFC5F8



FFCBA2

# Rectangle

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



A8E6B7



78E9EC



FFC5F8



FFC1C3

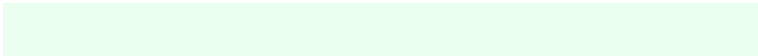


# Sweetspot

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



A8E6B7



EBFFF0



D8E6A8



738076



000000



808080

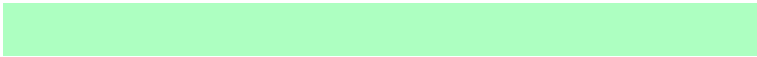


# Same Dimension

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



A8E6B7



ADFFC1



A8E6D5



67736A



00B32B



00330C



# Inverse Universe

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



E6A8D7



FFADEC



E6A8B9



736770



B30087

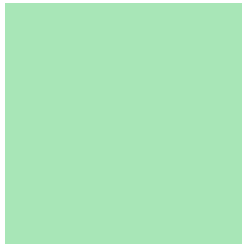


330027



# Previews

## White Background



This preview shows how the Hex color A8E6B7 looks on a white background.

## Color Contrast Check

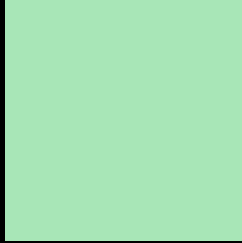
Large Text (above 18pt) WCAG AA × Fail

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 A8E6B7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

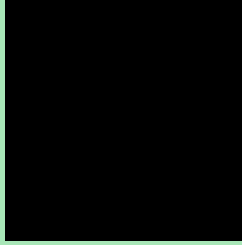
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

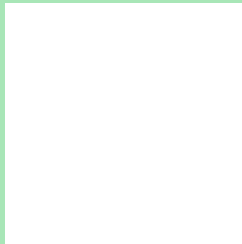
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A8E6B7 Background



This preview shows how black text looks on a background with the Hex color A8E6B7.

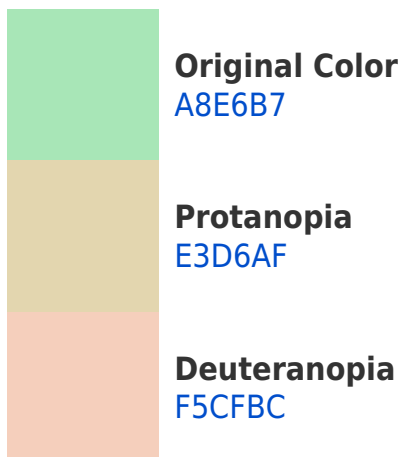


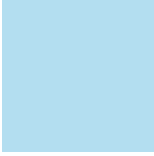
This preview shows how white text looks on a background with the Hex color A8E6B7.

# 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](#).

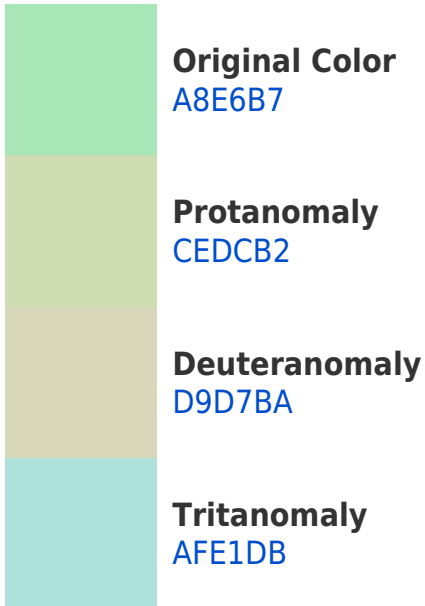
## Dichromacy



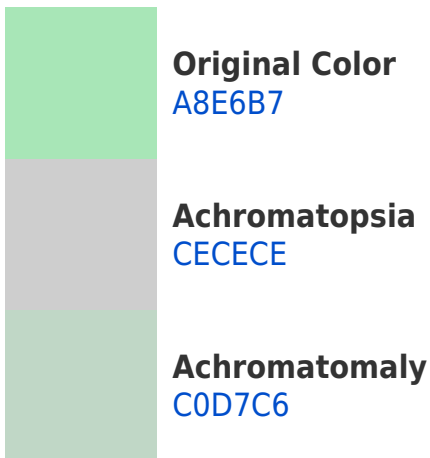


**Tritanopia**  
B3DEF0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8E6B7 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 #A8E6B7 looks like.

```
.text, #text, p{  
    color:#A8E6B7  
}
```

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 #A8E6B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8E6B7
}
```

## Border

The CSS property to change the border of an element to Hex A8E6B7 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
#A8E6B7 }
```

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

```
.border{ border-color:#A8E6B7 }
```

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

Here you see how a box with a 4 pixel #A8E6B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8E6B7; -webkit-box-shadow:4px 4px  
4px 4px #A8E6B7; box-shadow:4px 4px 4px  
4px #A8E6B7 }
```

# Background

The CSS property to change the background color of an element to Hex A8E6B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8E6B7 }
```

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

```
.background{ background-color:#A8E6B7 }
```

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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