

# Converting Colors

Hex(A7EAA7)

Have a look what the booklet for  
Hex(A7EAA7) contains.

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# **Color**

**Hex(A7EAA7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7EAA7
RGB	167, 234, 167
RGB Percent	65%, 92%, 65%
CMY	0.3451, 0.0824, 0.3451
CMYK	0.29, 0.00, 0.29, 0.08
HSL	120°, 61%, 79%
HSV	120°, 29%, 92%
XYZ	52.3342, 69.8511, 47.2835
YIQ	206.3290, -18.4250, -35.0410

# Conversions

## Conversions Part 2

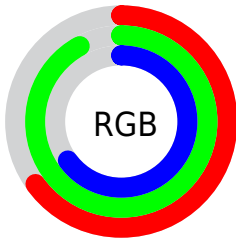
Format	Color
<a href="#">RYB</a>	<a href="#">167, 234, 234</a>
Decimal	<a href="#">11004583</a>
CIELab	<a href="#">86.92, -33.82, 26.00</a>
CIElCh	<a href="#">87, 42.663, 142.450</a>
Yxy	<a href="#">69.8511, 0.3088, 0.4122</a>
Android (android.graphics.Color)	<a href="#">4289194663 (0xFFA7EAA7)</a>
YUV	<a href="#">206.3290, -19.3892, -34.4915</a>
Hunter-Lab	<a href="#">83.5770, -34.4867, 24.9607</a>

# Details

The Hex color **A7EAA7** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **EAA7EA**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **E0FFDE**, and **71B273** is the 20% darker color. If you saturate the color by 10%, you get **90EA90**, and if you desaturate by 10%, it is **BEEABE**.

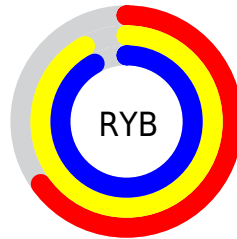
# Distribution



Red (65%)

Green (92%)

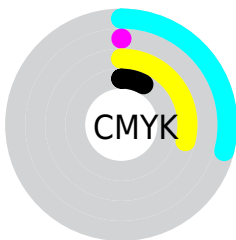
Blue (65%)



Red (65%)

Yellow (92%)

Blue (92%)

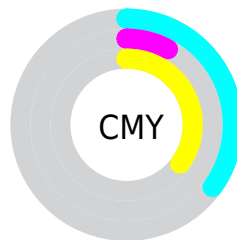


Cyan (29%)

Magenta (0%)

Yellow (29%)

Black (8%)



Cyan (35%)

Magenta (8%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7EAA7 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 A7EAA7 by changing the saturation by 10% instead.




 A7EAA7

 A7EAA7

FFFFFF

 8CCE8C

 E0FFDE

 71B273

 FDFFFB

 57975A

 3D7D42

 22632B

 004B14

 003300

 002000

 000000

 A7EAA7

 A7EAA7

 90EA90

 BEEABE

 78EA78

 D6EAD6

 61EA61

 EDEAED

 49EA49

 FFEAFF

 32EA32

 1BEA1B

 03EA03

 00EA00

# Harmonies

## Analogous

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



D6E18E



A7EAA7



74EFCE

# Triad

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



A7EAA7



90E1FF



FFBCBD

# Complementary

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



A7EAA7



EAA7EA

# 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.



FFBBE6



A7EAA7



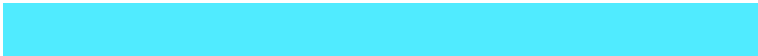
D0D3FF

# Square

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



A7EAA7



50EBFF



FFC5FF



FFC69B

# Rectangle

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



A7EAA7



53F0EA



FFC5FF



FFBBCA

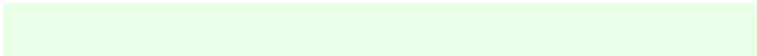


# Sweetspot

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



A7EAA7



E8FFE8



EAEAA7



718071



000000



808080

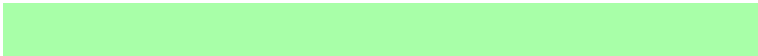


# Same Dimension

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



A7EAA7



A8FFA8



A7EAC9



6A756A



00B500



003600



# Inverse Universe

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



EAA7EA



FFA8FF



EAA7C9



756A75



B500B5

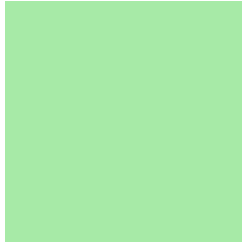


360036



# Previews

## White Background



This preview shows how the Hex color A7EAA7 looks on a white background.

## Color Contrast Check

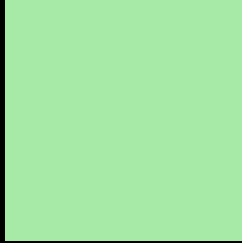
Large Text (above 18pt) WCAG AA × Fail

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 A7EAA7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

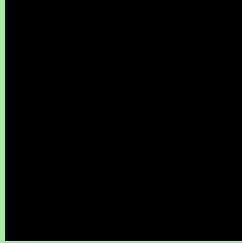
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A7EAA7 Background



This preview shows how black text looks on a background with the Hex color A7EAA7.

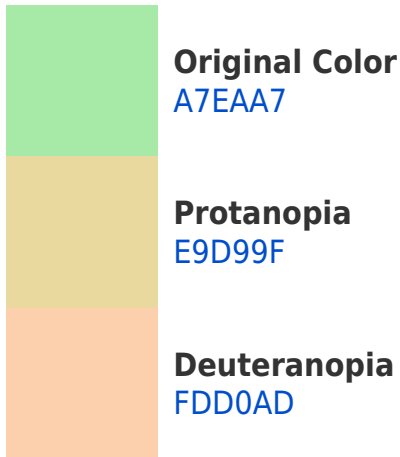


This preview shows how white text looks on a background with the Hex color A7EAA7.

# 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





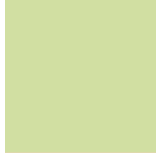
**Tritanopia**  
B5E0F2

# Trichromacy



**Original Color**

A7EAA7



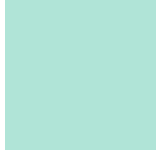
**Protanomaly**

D1DFA2



**Deuteranomaly**

DED9AB



**Tritanomaly**

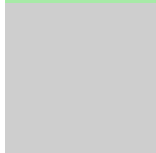
B0E4D7

# Monochromacy



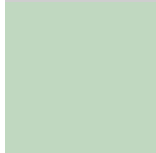
**Original Color**

A7EAA7



**Achromatopsia**

CECECE



**Achromatomaly**

C0D8C0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7EAA7 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 #A7EAA7 looks like.

```
.text, #text, p{  
    color:#A7EAA7  
}
```

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 #A7EAA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7EAA7
}
```

## Border

The CSS property to change the border of an element to Hex A7EAA7 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
#A7EAA7 }
```

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

```
.border{ border-color:#A7EAA7 }
```

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

Here you see how a box with a 4 pixel #A7EAA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7EAA7; -webkit-box-shadow:4px 4px  
4px 4px #A7EAA7; box-shadow:4px 4px 4px  
4px #A7EAA7 }
```

# Background

The CSS property to change the background color of an element to Hex A7EAA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7EAA7 }
```

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

```
.background{ background-color:#A7EAA7 }
```

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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