

# Converting Colors

Hex(4AEA7A)

Have a look what the booklet for  
Hex(4AEA7A) contains.

<b>Hex(4AEA7A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(4AEA7A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4AEA7A
RGB	74, 234, 122
RGB Percent	29%, 92%, 48%
CMY	0.7098, 0.0824, 0.5216
CMYK	0.68, 0.00, 0.48, 0.08
HSL	138°, 79%, 60%
HSV	138°, 68%, 92%
XYZ	35.7597, 61.7066, 28.4382
YIQ	173.3920, -59.4080, -68.7520

# Conversions

## Conversions Part 2

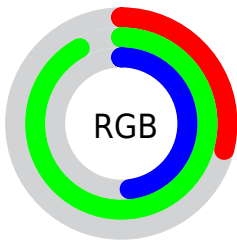
Format	Color
<a href="#">RYB</a>	<a href="#">74, 197, 234</a>
Decimal	<a href="#">4909690</a>
CIELab	<a href="#">82.76, -64.72, 42.43</a>
CIELCh	<a href="#">83, 77.388, 146.753</a>
Yxy	<a href="#">61.7066, 0.2840, 0.4901</a>
Android (android.graphics.Color)	<a href="#">4283099770 (0xFF4AEA7A)</a>
YUV	<a href="#">173.3920, -25.3363, -87.1668</a>
Hunter-Lab	<a href="#">78.5536, -56.2107, 33.5232</a>

# Details

The Hex color **4AEA7A** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle muted spring green. A complement of this color would be **EA4ABA**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **8CFFB0**, and **00B146** is the 20% darker color. If you saturate the color by 10%, you get **33EA6A**, and if you desaturate by 10%, it is **61EA8A**.

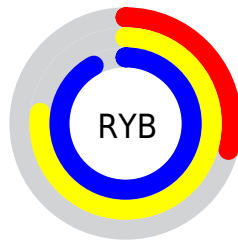
# Distribution



Red (29%)

Green (92%)

Blue (48%)



Red (29%)

Yellow (77%)

Blue (92%)

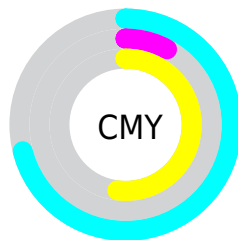


Cyan (68%)

Magenta (0%)

Yellow (48%)

Black (8%)



Cyan (71%)

Magenta (8%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4AEA7A 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 4AEA7A by changing the saturation by 10% instead.



 4AEA7A

 4AEA7A

FFFFFF

 1BCD60

 8CFFB0

 00B146

 ABFFCC

 00952D

 CAFFE9

 007A11

 E9FFFF

 006000

 004600

 002F00

 001100

 000000

 4AEA7A

 4AEA7A

 33EA6A

 61EA8A

 1BEA59

 79EA9B

 04EA49

 90EAAB

 00EA46

 A8EABC

 BFEACC

 D6EADC

 EEEAED

 FFEAFD

 FFEAFF

# Harmonies

## Analogous

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



B3DD3E



4AEA7A



00F0C3

# Triad

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



4AEA7A



00D9FF



FF9091

# Complementary

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



4AEA7A



EA4ABA

# 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.



FF89D9



4AEA7A



C0BEFF

# Square

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



4AEA7A



00E9FF



FF9EFF



FFAB53

# Rectangle

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



4AEA7A



00F1F6



FF9EFF



FF8AA8

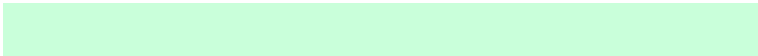


# Sweetspot

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



4AEA7A



C9FFDA



BAEA4A



608069



000000



808080



# Same Dimension

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



4AEA7A



2EFF6D



4AEACA



6A756D



00B536



003610



# Inverse Universe

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



EA4ABA



FF2EC0



EA4A6A



756A72



B5007F

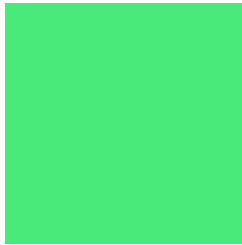


360025



# Previews

## White Background



This preview shows how the Hex color 4AEA7A 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 4AEA7A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

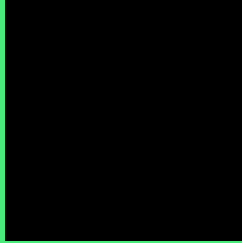
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4AEA7A Background



This preview shows how black text looks on a background with the Hex color 4AEA7A.

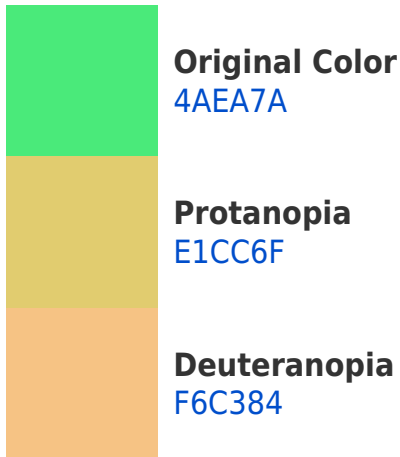


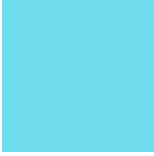
This preview shows how white text looks on a background with the Hex color 4AEA7A.

# 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**  
70DDEF

# Trichromacy



**Original Color**

4AEA7A



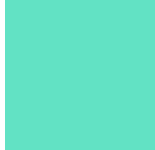
**Protanomaly**

AAD773



**Deuteranomaly**

B7D180



**Tritanomaly**

62E2C4

# Monochromacy



**Original Color**

4AEA7A



**Achromatopsia**

ADADAD



**Achromatomaly**

89C39A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4AEA7A 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 #4AEA7A looks like.

```
.text, #text, p{  
    color:#4AEA7A  
}
```

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 #4AEA7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AEA7A
}
```

## Border

The CSS property to change the border of an element to Hex 4AEA7A 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
#4AEA7A }
```

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

```
.border{ border-color:#4AEA7A }
```

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

Here you see how a box with a 4 pixel #4AEA7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AEA7A; -webkit-box-shadow:4px 4px  
4px 4px #4AEA7A; box-shadow:4px 4px 4px  
4px #4AEA7A }
```

# Background

The CSS property to change the background color of an element to Hex 4AEA7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AEA7A }
```

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

```
.background{ background-color:#4AEA7A }
```

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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