

# Converting Colors

Hex(A4E9CA)

Have a look what the booklet for  
Hex(A4E9CA) contains.

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# **Color**

**Hex(A4E9CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4E9CA
RGB	164, 233, 202
RGB Percent	64%, 91%, 79%
CMY	0.3569, 0.0863, 0.2078
CMYK	0.30, 0.00, 0.13, 0.09
HSL	153°, 61%, 78%
HSV	153°, 30%, 91%
XYZ	55.1094, 70.4346, 66.5678
YIQ	208.8350, -31.1730, -24.2690

# Conversions

## Conversions Part 2

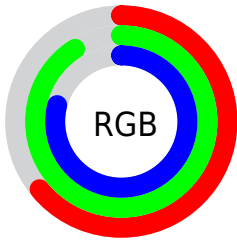
Format	Color
<a href="#">RYB</a>	<a href="#">164, 208, 233</a>
Decimal	<a href="#">10807754</a>
CIELab	<a href="#">87.21, -27.94, 8.20</a>
CIELCh	<a href="#">87, 29.116, 163.638</a>
Yxy	<a href="#">70.4346, 0.2869, 0.3666</a>
Android (android.graphics.Color)	<a href="#">4288997834 (0xFFA4E9CA)</a>
YUV	<a href="#">208.8350, -3.3697, -39.3203</a>
Hunter-Lab	<a href="#">83.9253, -29.6576, 11.7202</a>

# Details

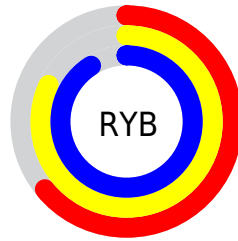
The Hex color **A4E9CA** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E9A4C3**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **DCFFFF**, and **6EB194** is the 20% darker color. If you saturate the color by 10%, you get **8DE9C0**, and if you desaturate by 10%, it is **BBE9D4**.

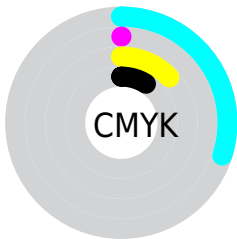
# Distribution



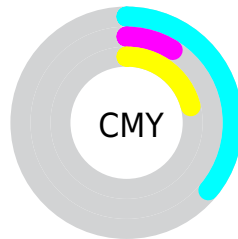
- Red (64%)
- Green (91%)
- Blue (79%)



- Red (64%)
- Yellow (82%)
- Blue (91%)



- Cyan (30%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)



- Cyan (36%)
- Magenta (9%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4E9CA 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 A4E9CA by changing the saturation by 10% instead.



 A4E9CA

 A4E9CA

FFFFFF

 89CDAF

 DCFFFF

 6EB194

 F9FFFF

 54967A

 3A7C61

 1F634A

 004A33

 00331E

 002005

 000000

 A4E9CA

 A4E9CA

 8DE9C0

 BBE9D4

 75E9B5

 D3E9DF

 5EE9AB

 EAE9E9

 47E9A0

 FFE9F4

 30E996

 FFE9FE

 18E98B

 FFE9FF

 01E981

 00E980

# Harmonies

## Analogous

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



C3E4B2



A4E9CA



8EEAE6

# Triad

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



A4E9CA



CAD9FF



FFCBB6

# Complementary

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



A4E9CA



E9A4C3

# 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.



FFC7CF



A4E9CA



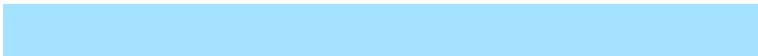
EFCFFF

# Square

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



A4E9CA



A5E2FF



FFC8EB



FDD4A6

# Rectangle

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



A4E9CA



8AE9F8



FFC8EB



FFC9BD



# Sweetspot

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



A4E9CA



E8FFF5



C3E9A4



718079



000000



808080

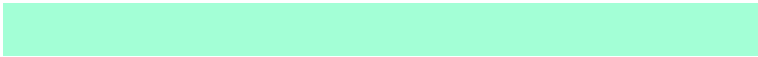


# Same Dimension

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



A4E9CA



A3FFD6



A4E6E9



6A7570



00B564



00361D



# Inverse Universe

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



E9A4C3



FFA3CC



E9A7A4



756A6F



B50051

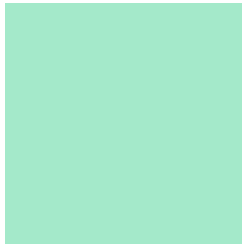


360018



# Previews

## White Background



This preview shows how the Hex color A4E9CA looks on a white background.

## Color Contrast Check

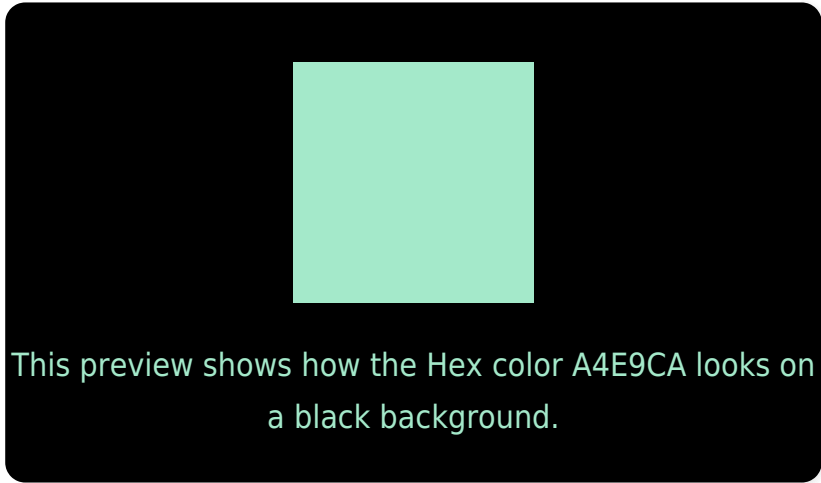
Large Text (above 18pt) WCAG AA × Fail

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

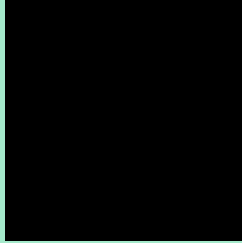
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

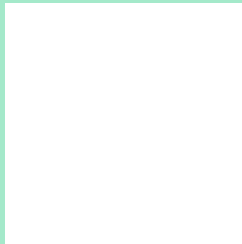
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A4E9CA Background



This preview shows how black text looks on a background with the Hex color A4E9CA.

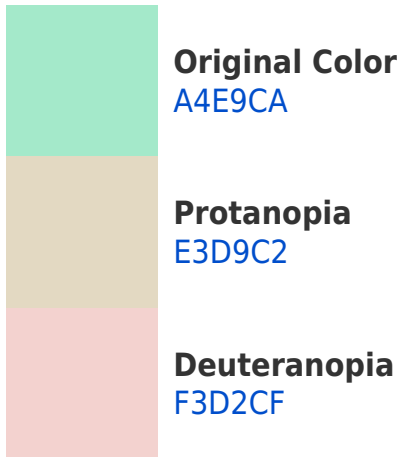


This preview shows how white text looks on a background with the Hex color A4E9CA.

# 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





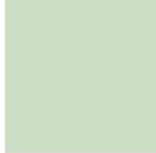
**Tritanopia**  
ADE3F5

# Trichromacy



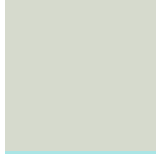
**Original Color**

A4E9CA



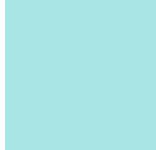
**Protanomaly**

CCDFC5



**Deuteranomaly**

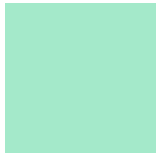
D6DACD



**Tritanomaly**

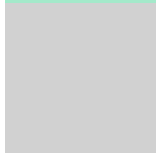
AAE5E5

# Monochromacy



**Original Color**

A4E9CA



**Achromatopsia**

D1D1D1



**Achromatomaly**

C1DACE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4E9CA 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 #A4E9CA looks like.

```
.text, #text, p{  
    color:#A4E9CA  
}
```

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 #A4E9CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4E9CA
}
```

## Border

The CSS property to change the border of an element to Hex A4E9CA 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
#A4E9CA }
```

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

```
.border{ border-color:#A4E9CA }
```

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

Here you see how a box with a 4 pixel #A4E9CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4E9CA; -webkit-box-shadow:4px 4px  
4px 4px #A4E9CA; box-shadow:4px 4px 4px  
4px #A4E9CA }
```

# Background

The CSS property to change the background color of an element to Hex A4E9CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4E9CA }
```

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

```
.background{ background-color:#A4E9CA }
```

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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