

# Converting Colors

Hex(A9EFE6)

Have a look what the booklet for  
Hex(A9EFE6) contains.

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# **Color**

**Hex(A9EFE6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A9EFE6
RGB	169, 239, 230
RGB Percent	66%, 94%, 90%
CMY	0.3373, 0.0627, 0.0980
CMYK	0.29, 0.00, 0.04, 0.06
HSL	172°, 69%, 80%
HSV	172°, 29%, 94%
XYZ	61.5116, 75.8812, 86.2674
YIQ	217.0440, -38.8310, -17.6390

# Conversions

## Conversions Part 2

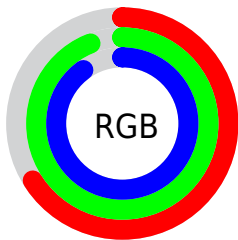
<b>Format</b>	<b>Color</b>
<b>RYB</b>	169, 206, 239
Decimal	11136998
CIELab	89.80, -23.56, -2.64
CIELCh	90, 23.710, 186.404
Yxy	75.8812, 0.2750, 0.3393
Android (android.graphics.Color)	4289327078 (0xFFA9EFE6)
YUV	217.0440, 6.3873, -42.1346
Hunter-Lab	87.1098, -26.3964, 2.2602

# Details

The Hex color **A9EFE6** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EFA9B2**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **E2FFFF**, and **72B7AF** is the 20% darker color. If you saturate the color by 10%, you get **91EFE3**, and if you desaturate by 10%, it is **C1EFE9**.

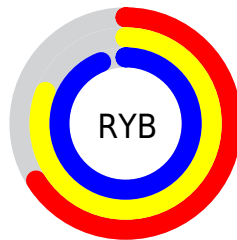
# Distribution



Red (66%)

Green (94%)

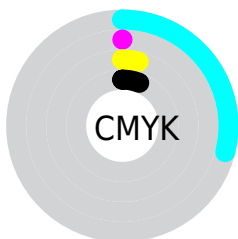
Blue (90%)



Red (66%)

Yellow (81%)

Blue (94%)

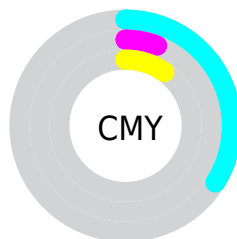


Cyan (29%)

Magenta (0%)

Yellow (4%)

Black (6%)



Cyan (34%)

Magenta (6%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A9EFE6 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 A9EFE6 by changing the saturation by 10% instead.



 A9EFE6

 A9EFE6

FFFFFF

 8DD3CA

 E2FFFF

 72B7AF

 589C94

 3D827A

 216861

 00504A

 003833

 00231E

 000006

 A9EFE6

 A9EFE6

 91EFE3

 C1EFE9

 79EFE0


 D9EFEC

 61EFDD

 F1EFEF

 49EFDA

 FFEFF2

 31EFD7

 FFEFF5

 1AEFD4

 FFEFF8

 02EFD0

 FFEFFC

 00EFD0

 FFEFFF

# Harmonies

## Analogous

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



BCEDCF



A9EFE6



A5EEFC

# Triad

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



A9EFE6



ECD AFF



FFDAB9

# Complementary

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



A9EFE6



EFA9B2

# 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.



FFD4C8



A9EFE6



FFD4F4

# Square

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



A9EFE6



CEE2FF



FFD2DE



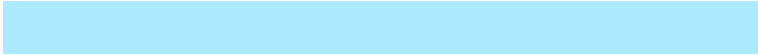
EEE2B5

# Rectangle

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



A9EFE6



ACEBFF



FFD2DE



FFD8BD

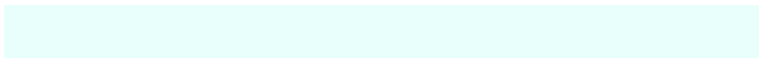


# Sweetspot

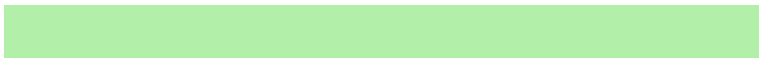
The Sweet Spot groups the original color and five complimentary colors.



A9EFE6



E8FFFC



B2EFA9



71807E



000000



808080



# Same Dimension

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



A9EFE6



A6FFF4



A9D5EF



6C7876



00B8A0



003831



# Inverse Universe

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



EFA9B2



FFA6B1



EFC3A9



786C6D



B80018

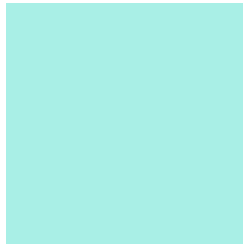


380007



# Previews

## White Background



This preview shows how the Hex color A9EFE6 looks on a white background.

## Color Contrast Check

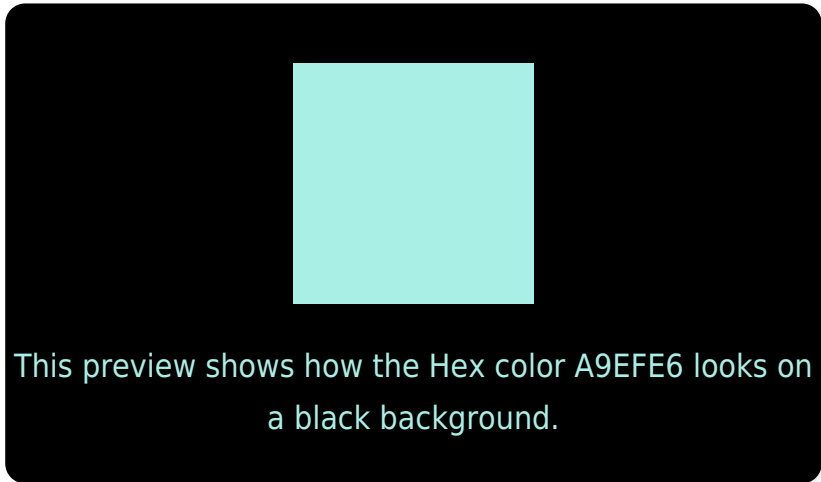
Large Text (above 18pt) WCAG AA × Fail

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

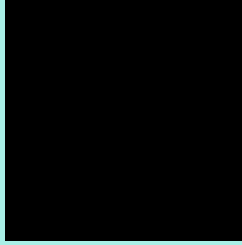
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

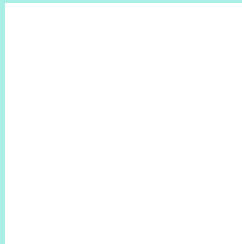
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A9EFE6 Background



This preview shows how black text looks on a background with the Hex color A9EFE6.

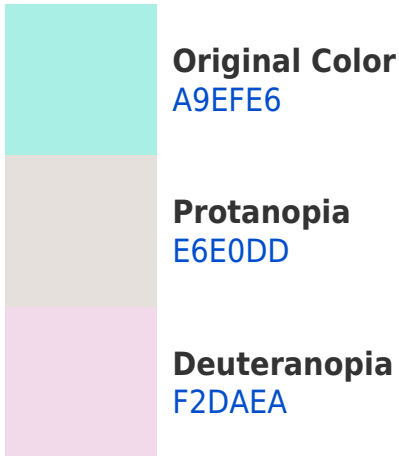


This preview shows how white text looks on a background with the Hex color A9EFE6.

# 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

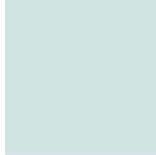




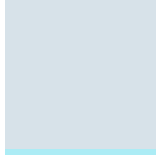
# Trichromacy



**Original Color**  
A9EFE6



**Protanomaly**  
D0E5E0



**Deuteranomaly**  
D7E2E9

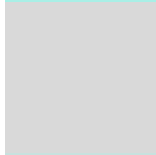


**Tritanomaly**  
ACECF5

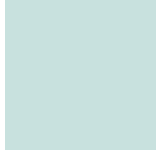
# Monochromacy



**Original Color**  
A9EFE6



**Achromatopsia**  
D9D9D9



**Achromatomaly**  
C8E1DE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9EFE6 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 #A9EFE6 looks like.

```
.text, #text, p{  
    color:#A9EFE6  
}
```

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 #A9EFE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9EFE6  
}
```

## Border

The CSS property to change the border of an element to Hex A9EFE6 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  
#A9EFE6 }
```

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

```
.border{ border-color:#A9EFE6 }
```

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

Here you see how a box with a 4 pixel #A9EFE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9EFE6; -webkit-box-shadow:4px 4px  
4px 4px #A9EFE6; box-shadow:4px 4px 4px  
4px #A9EFE6 }
```

# Background

The CSS property to change the background color of an element to Hex A9EFE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9EFE6 }
```

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

```
.background{ background-color:#A9EFE6 }
```

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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