

# Converting Colors

Hex(A5FE9B)

Have a look what the booklet for  
Hex(A5FE9B) contains.

<b>Hex(A5FE9B)</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(A5FE9B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5FE9B
RGB	165, 254, 155
RGB Percent	65%, 100%, 61%
CMY	0.3529, 0.0039, 0.3922
CMYK	0.35, 0.00, 0.39, 0.00
HSL	114°, 98%, 80%
HSV	114°, 39%, 100%
XYZ	56.8753, 81.2495, 43.6954
YIQ	216.1030, -21.2650, -49.6570

# Conversions

## Conversions Part 2

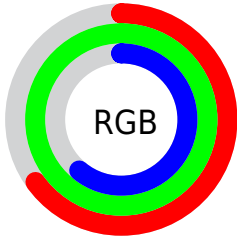
Format	Color
<a href="#">RYB</a>	<a href="#">155, 254, 244</a>
Decimal	<a href="#">10878619</a>
CIELab	<a href="#">92.24, -45.22, 39.10</a>
CIELCh	<a href="#">92, 59.785, 139.151</a>
Yxy	<a href="#">81.2495, 0.3128, 0.4469</a>
Android (android.graphics.Color)	<a href="#">4289068699 (0xFFA5FE9B)</a>
YUV	<a href="#">216.1030, -30.1238, -44.8173</a>
Hunter-Lab	<a href="#">90.1385, -45.1131, 34.3556</a>

# Details

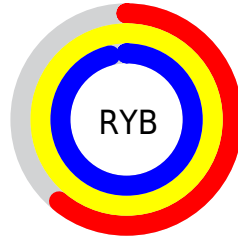
The Hex color **A5FE9B** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F49BFE**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **DFFFD2**, and **6DC566** is the 20% darker color. If you saturate the color by 10%, you get **8EFE82**, and if you desaturate by 10%, it is **BCFEB4**.

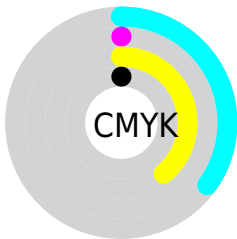
# Distribution



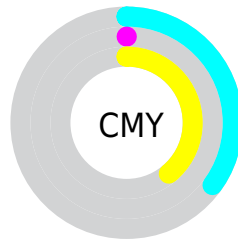
- Red (65%)
- Green (100%)
- Blue (61%)



- Red (61%)
- Yellow (100%)
- Blue (96%)



- Cyan (35%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)



- Cyan (35%)
- Magenta (0%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5FE9B 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 A5FE9B by changing the saturation by 10% instead.



 A5FE9B

 A5FE9B

FFFFFF

 89E180

 DFFFD2

 6DC566

 FCFEF

 51A94D

 348E34

 0F741B

 005B00

 004200

 002C00

 000F00

 A5FE9B

 A5FE9B

 8EFE82

 BCFEB4

 77FE68

 D3FECE

 60FE4F

 EAFEE7

 4AFE35

FFFEFF

 33FE1C

 1CFE03

 1AFE00

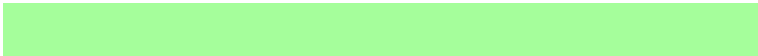
# Harmonies

## Analogous

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



E7F178



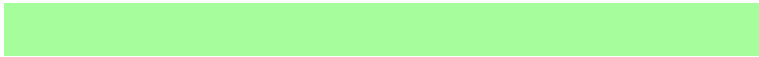
A5FE9B



43FFD1

# Triad

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



A5FE9B



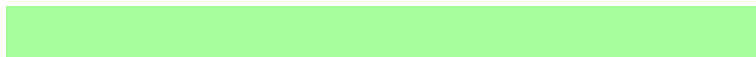
4DF5FF



FFBBC6

# Complementary

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



A5FE9B



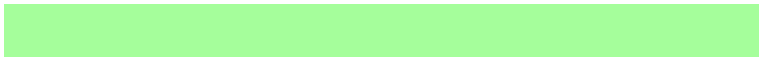
F49BFE

# Split Complementary

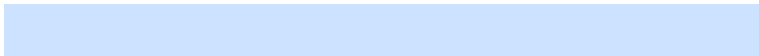
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBCFF



A5FE9B



CDE2FF

# Square

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



A5FE9B



00FFFF



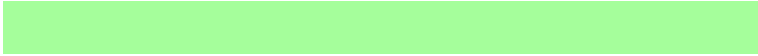
FFCCFF



FFCA94

# Rectangle

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



A5FE9B



00FFF9



FFCCFF

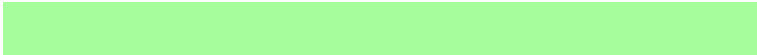


FFB9D9

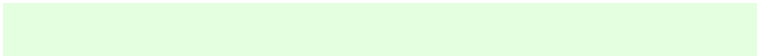


# Sweetspot

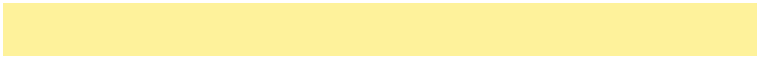
The Sweet Spot groups the original color and five complimentary colors.



A5FE9B



E3FFE0



FEF29B



6F806E



000000

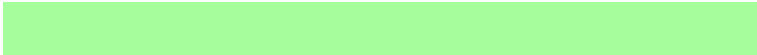


808080

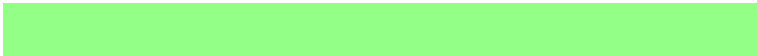


# Same Dimension

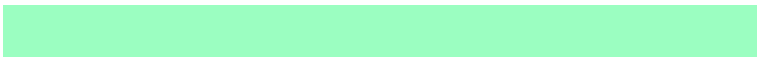
The Same Dimension uses a secret algorithm to generate beautiful new colors.



A5FE9B



93FF87



9BFEC1



748073



13BF00



064000



# Inverse Universe

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



F49BFE



F387FF



FE9BD8



7E7380



AC00BF

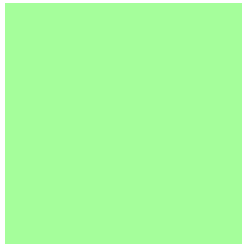


390040



# Previews

## White Background



This preview shows how the Hex color A5FE9B looks on a white background.

## Color Contrast Check

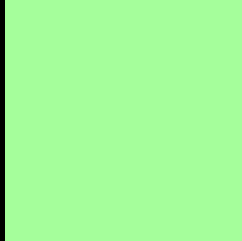
Large Text (above 18pt) WCAG AA × Fail

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 A5FE9B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

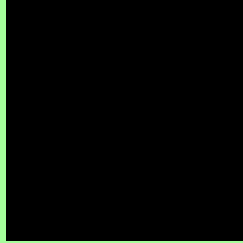
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A5FE9B Background



This preview shows how black text looks on a background with the Hex color A5FE9B.

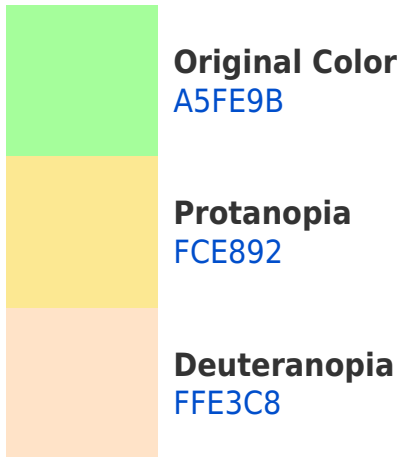


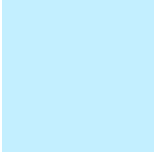
This preview shows how white text looks on a background with the Hex color A5FE9B.

# 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



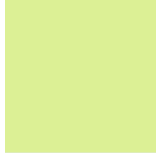


**Tritanopia**  
C3EFFF

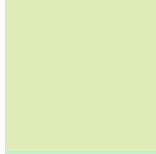
# Trichromacy



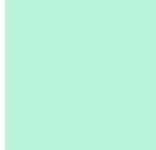
**Original Color**  
A5FE9B



**Protanomaly**  
DCF095

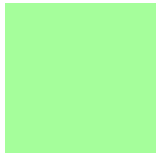


**Deuteranomaly**  
DEEDB8

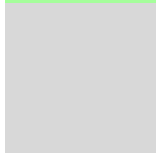


**Tritanomaly**  
B8F4DB

# Monochromacy



**Original Color**  
A5FE9B



**Achromatopsia**  
D8D8D8



**Achromatomaly**  
C5E6C2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5FE9B 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 #A5FE9B looks like.

```
.text, #text, p{  
    color:#A5FE9B  
}
```

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 #A5FE9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5FE9B
}
```

## Border

The CSS property to change the border of an element to Hex A5FE9B 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
#A5FE9B }
```

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

```
.border{ border-color:#A5FE9B }
```

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

Here you see how a box with a 4 pixel #A5FE9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5FE9B; -webkit-box-shadow:4px 4px  
4px 4px #A5FE9B; box-shadow:4px 4px 4px  
4px #A5FE9B }
```

# Background

The CSS property to change the background color of an element to Hex A5FE9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5FE9B }
```

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

```
.background{ background-color:#A5FE9B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor