

# Converting Colors

Hex(A8F787)

Have a look what the booklet for  
Hex(A8F787) contains.

<b>Hex(A8F787)</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(A8F787)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8F787
RGB	168, 247, 135
RGB Percent	66%, 97%, 53%
CMY	0.3412, 0.0314, 0.4706
CMYK	0.32, 0.00, 0.45, 0.03
HSL	102°, 88%, 75%
HSV	102°, 45%, 97%
XYZ	53.7824, 76.5956, 34.8715
YIQ	210.6110, -11.1320, -51.5800

# Conversions

## Conversions Part 2

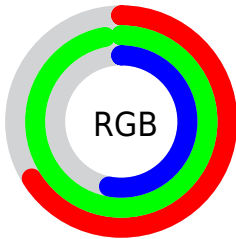
Format	Color
<a href="#">RYB</a>	<a href="#">135, 247, 214</a>
Decimal	<a href="#">11073415</a>
CIELab	<a href="#">90.14, -43.92, 46.16</a>
CIElCh	<a href="#">90, 63.713, 133.578</a>
Yxy	<a href="#">76.5956, 0.3255, 0.4635</a>
Android (android.graphics.Color)	<a href="#">4289263495 (0xFFA8F787)</a>
YUV	<a href="#">210.6110, -37.2762, -37.3698</a>
Hunter-Lab	<a href="#">87.5189, -43.4658, 37.6394</a>

# Details

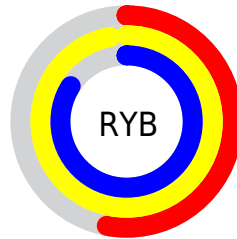
The Hex color **A8F787** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **D687F7**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **E2FFBE**, and **70BE53** is the 20% darker color. If you saturate the color by 10%, you get **97F76E**, and if you desaturate by 10%, it is **B9F7A0**.

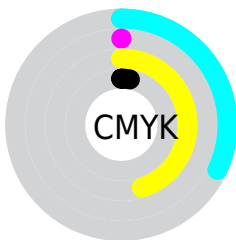
# Distribution



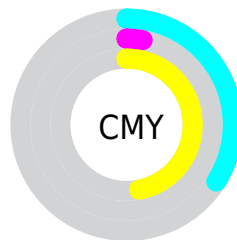
- Red (66%)
- Green (97%)
- Blue (53%)



- Red (53%)
- Yellow (97%)
- Blue (84%)



- Cyan (32%)
- Magenta (0%)
- Yellow (45%)
- Black (3%)



- Cyan (34%)
- Magenta (3%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8F787 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 A8F787 by changing the saturation by 10% instead.



 A8F787

FFFFFF

 E2FFBE

 FFFFDA

 FFFFF7

 A8F787

 8CDA6D

 70BE53

 54A339

 38881E

 176E00

 005500

 003D00

 002800

 000100

 A8F787

 A8F787

 97F76E

 B9F7A0

 85F756

 CBF7B8

 74F73D

 DCF7D1

 62F724

 EEF7EA

 51F70C

 FFF7FF

 49F700

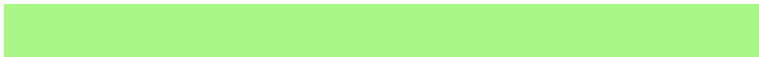
# Harmonies

## Analogous

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



ECE867



A8F787



41FFBE

# Triad

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



A8F787



00F3FF



FFAFC9

# Complementary

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



A8F787



D687F7

# Split Complementary

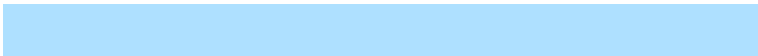
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB4FF



A8F787



AEE0FF

# Square

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



A8F787



00FEFF



FFC8FF



FFBD91

# Rectangle

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



A8F787



00FFE8



FFC8FF



FFAFDE

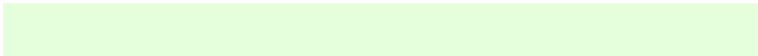


# Sweetspot

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



A8F787



E6FFDB



F7D587



70806A



000000



808080



# Same Dimension

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



A8F787



9EFF75



87F79D



727A6E



37BA00



113B00



# Inverse Universe

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



D687F7



D675FF



F787E1



776E7A



8300BA

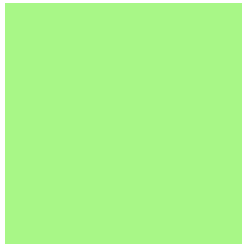


29003B



# Previews

## White Background



This preview shows how the Hex color A8F787 looks on a white background.

## Color Contrast Check

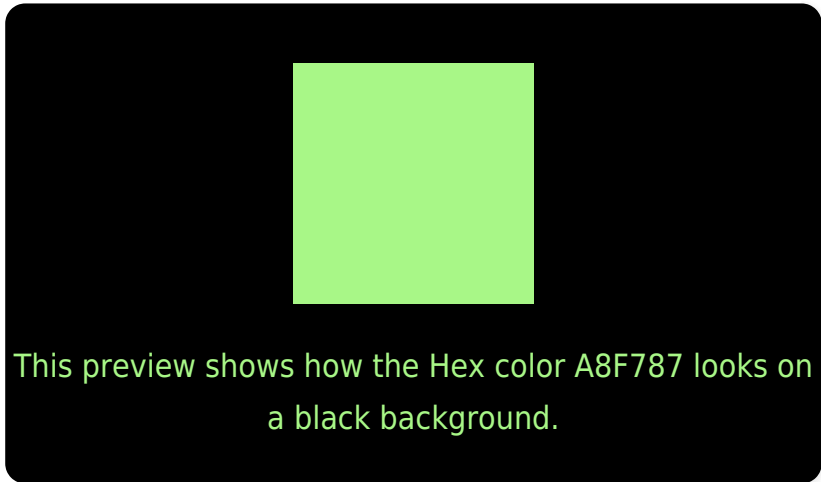
Large Text (above 18pt) WCAG AA × Fail

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

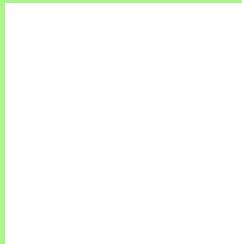
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A8F787 Background



This preview shows how black text looks on a background with the Hex color A8F787.

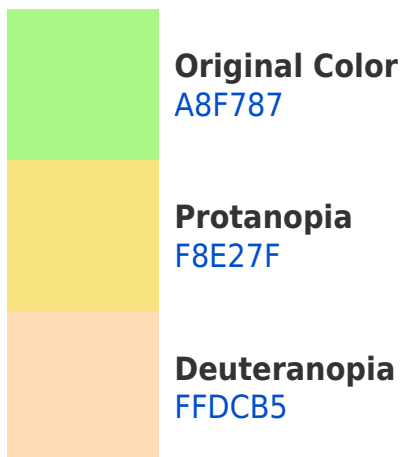


This preview shows how white text looks on a background with the Hex color A8F787.

# 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

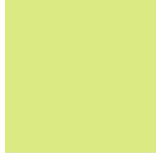




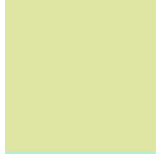
# Trichromacy



**Original Color**  
A8F787



**Protanomaly**  
DBEA82

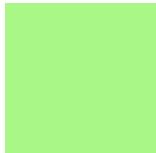


**Deuteranomaly**  
DFE6A4

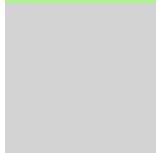


**Tritanomaly**  
B4EFD1

# Monochromacy



**Original Color**  
A8F787



**Achromatopsia**  
D3D3D3



**Achromatomaly**  
C3E0B7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8F787 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 #A8F787 looks like.

```
.text, #text, p{  
    color:#A8F787  
}
```

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 #A8F787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8F787
}
```

## Border

The CSS property to change the border of an element to Hex A8F787 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
#A8F787 }
```

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

```
.border{ border-color:#A8F787 }
```

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

Here you see how a box with a 4 pixel #A8F787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8F787; -webkit-box-shadow:4px 4px  
4px 4px #A8F787; box-shadow:4px 4px 4px  
4px #A8F787 }
```

# Background

The CSS property to change the background color of an element to Hex A8F787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8F787 }
```

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

```
.background{ background-color:#A8F787 }
```

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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