

# Converting Colors

Hex(A8DFB5)

Have a look what the booklet for  
Hex(A8DFB5) contains.

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# **Color**

**Hex(A8DFB5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8DFB5
RGB	168, 223, 181
RGB Percent	66%, 87%, 71%
CMY	0.3412, 0.1255, 0.2902
CMYK	0.25, 0.00, 0.19, 0.13
HSL	134°, 46%, 77%
HSV	134°, 25%, 87%
XYZ	50.8766, 64.4364, 53.4720
YIQ	201.7670, -19.2980, -24.7220

# Conversions

## Conversions Part 2

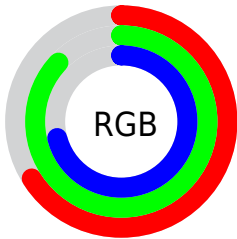
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">168, 212, 223</a>
Decimal	<a href="#">11067317</a>
CIELab	<a href="#">84.19, -25.89, 14.95</a>
CIELCh	<a href="#">84, 29.899, 149.992</a>
Yxy	<a href="#">64.4364, 0.3014, 0.3818</a>
Android (android.graphics.Color)	<a href="#">4289257397</a> ( <a href="#">0xFFA8DFB5</a> )
YUV	<a href="#">201.7670, -10.2381, -29.6137</a>
Hunter-Lab	<a href="#">80.2723, -27.3431, 16.6955</a>

# Details

The Hex color **A8DFB5** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DFA8D2**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **E0FFED**, and **73A880** is the 20% darker color. If you saturate the color by 10%, you get **92DFA4**, and if you desaturate by 10%, it is **BEDFC6**.

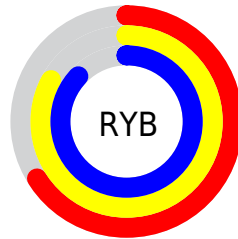
# Distribution



Red (66%)

Green (87%)

Blue (71%)



Red (66%)

Yellow (83%)

Blue (87%)

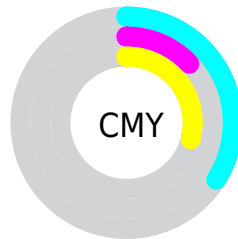


Cyan (25%)

Magenta (0%)

Yellow (19%)

Black (13%)



Cyan (34%)

Magenta (13%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8DFB5 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 A8DFB5 by changing the saturation by 10% instead.



 A8DFB5

 A8DFB5

FFFFFF

 8DC39A

 E0FFED

 73A880

FDFFFF

 598D67

 40734F

 285A38

 0D4322

 002C0D

 001700

 000000

 A8DFB5

 A8DFB5

 92DFA4

 BEDFC6

 7BDF93

 D5DFD7

 65DF82

 EBDFE8

 4FDF71

 FFDFF9

 38DF60

 FFDFFF

 22DF4F

 0CDF3E

 00DF35

# Harmonies

## Analogous

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



C8D9A1



A8DFB5



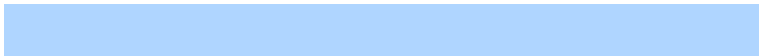
8BE2D1

# Triad

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



A8DFB5



AFD5FF



FFC0B7

# Complementary

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



A8DFB5



DFA8D2

# 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.



FFBED3



A8DFB5



D6CBFF

# Square

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



A8DFB5



8CDCFF



F6C2EF



FEC7A2

# Rectangle

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



A8DFB5



80E2E4



F6C2EF



FFBEC0



# Sweetspot

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



A8DFB5



EDFFF1



D2DFA8



758078



000000



808080

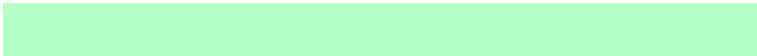


# Same Dimension

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



A8DFB5



B3FFC5



A8DFD0



657068



00B02A



00300B



# Inverse Universe

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



DFA8D2



FFB3ED



DFA8B7



70656E



B00086

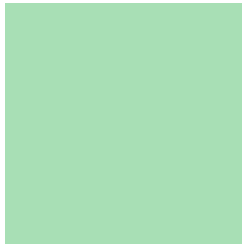


300025



# Previews

## White Background



This preview shows how the Hex color A8DFB5 looks on a white background.

## Color Contrast Check

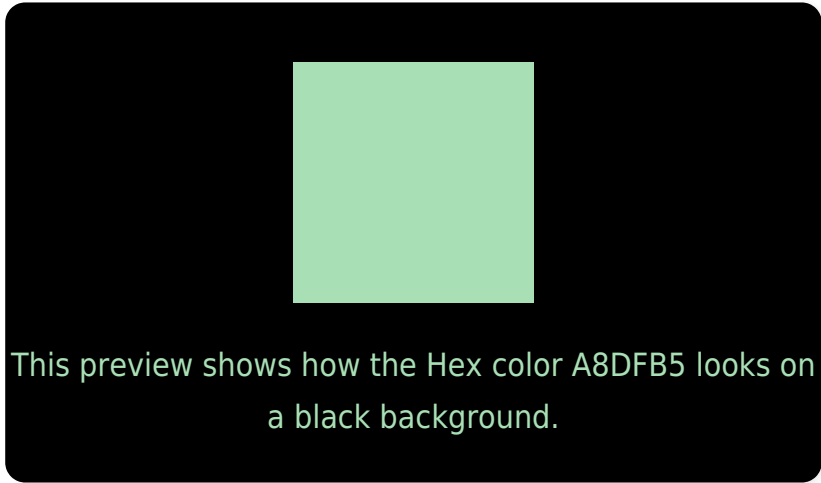
Large Text (above 18pt) WCAG AA × Fail

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

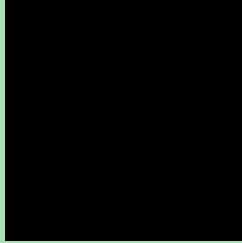
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A8DFB5 Background



This preview shows how black text looks on a background with the Hex color A8DFB5.

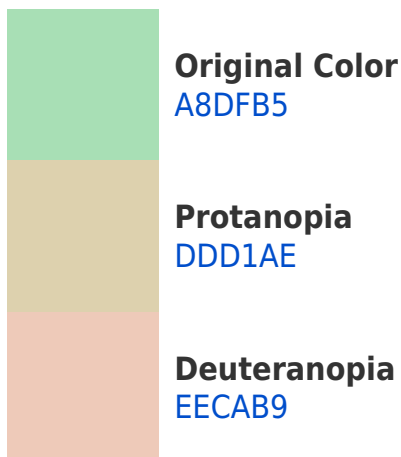


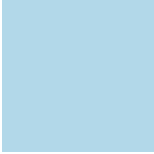
This preview shows how white text looks on a background with the Hex color A8DFB5.

# 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



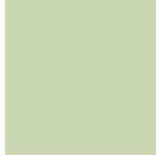


**Tritanopia**  
B2D8E9

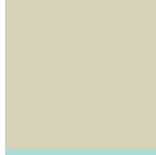
# Trichromacy



**Original Color**  
A8DFB5



**Protanomaly**  
CAD6B1



**Deuteranomaly**  
D5D2B8

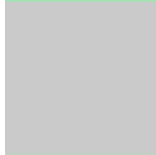


**Tritanomaly**  
AEDBD6

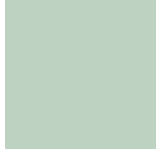
# Monochromacy



**Original Color**  
A8DFB5



**Achromatopsia**  
CACACA



**Achromatomaly**  
BED2C2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8DFB5 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 #A8DFB5 looks like.

```
.text, #text, p{  
    color:#A8DFB5  
}
```

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 #A8DFB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8DFB5
}
```

## Border

The CSS property to change the border of an element to Hex A8DFB5 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
#A8DFB5 }
```

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

```
.border{ border-color:#A8DFB5 }
```

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

Here you see how a box with a 4 pixel #A8DFB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8DFB5; -webkit-box-shadow:4px 4px  
4px 4px #A8DFB5; box-shadow:4px 4px 4px  
4px #A8DFB5 }
```

# Background

The CSS property to change the background color of an element to Hex A8DFB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8DFB5 }
```

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

```
.background{ background-color:#A8DFB5 }
```

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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