

# Converting Colors

Hex(A8DAF5)

Have a look what the booklet for  
Hex(A8DAF5) contains.

<b>Hex(A8DAF5)</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(A8DAF5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8DAF5
RGB	168, 218, 245
RGB Percent	66%, 85%, 96%
CMY	0.3412, 0.1451, 0.0392
CMYK	0.31, 0.11, 0.00, 0.04
HSL	201°, 79%, 81%
HSV	201°, 31%, 96%
XYZ	57.7013, 65.0602, 95.9029
YIQ	206.1280, -38.4670, -2.2030

# Conversions

## Conversions Part 2

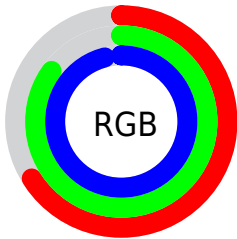
<b>Format</b>	<b>Color</b>
<b>RYB</b>	168, 198, 245
Decimal	11066101
CIELab	84.51, -9.88, -18.41
CIELCh	85, 20.898, 241.772
Yxy	65.0602, 0.2639, 0.2975
Android (android.graphics.Color)	4289256181 (0xFFA8DAF5)
YUV	206.1280, 19.1639, -33.4383
Hunter-Lab	80.6599, -13.4622, -14.0326

# Details

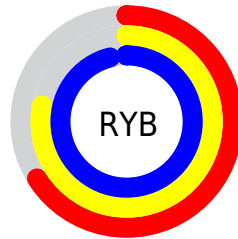
The Hex color **A8DAF5** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F5C3A8**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **E1FFFF**, and **71A3BD** is the 20% darker color. If you saturate the color by 10%, you get **8FD1F5**, and if you desaturate by 10%, it is **C1E3F5**.

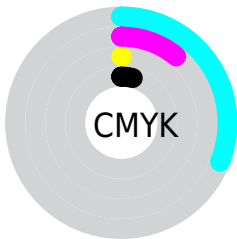
# Distribution



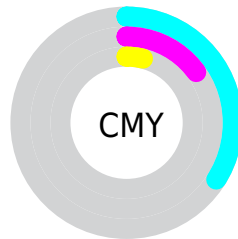
- Red (66%)
- Green (85%)
- Blue (96%)



- Red (66%)
- Yellow (78%)
- Blue (96%)



- Cyan (31%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (34%)
- Magenta (15%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8DAF5 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 A8DAF5 by changing the saturation by 10% instead.



 A8DAF5

 A8DAF5

FFFFFF

 8CBED9

 E1FFFF

 71A3BD

FEFFFF

 5789A2

 3C6F87

 20576E

 004056

 002A3E

 001628

 000113

 A8DAF5

 A8DAF5

 8FD1F5

 C1E3F5

 77C9F5

 D9EBF5

 5EC0F5

 F2F4F5


 46B8F5

 FFFCF5

 2EAF5

 FFFFF5

 15A6F5

 009FF5

# Harmonies

## Analogous

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



9EDEE7



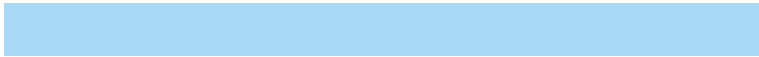
A8DAF5



BED4FA

# Triad

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



A8DAF5



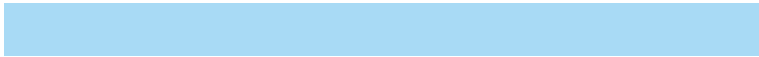
FAC5D2



CBD8B1

# Complementary

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



A8DAF5



F5C3A8

# 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.



E1D2AC



A8DAF5



FCC7BF

# Square

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



A8DAF5



EEC8E6



F2CBB1



B5DCC0

# Rectangle

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



A8DAF5



D0D0F7



F2CBB1

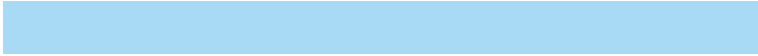


D3D6AE

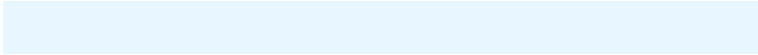


# Sweetspot

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



A8DAF5



E8F7FF



A8F5C3



717B80



000000



808080

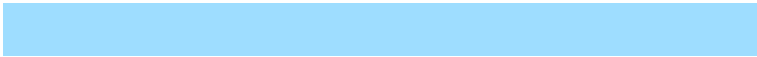


# Same Dimension

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



A8DAF5



9EDDF5



A8B4F5



6E767A



0079BA



00263B



# Inverse Universe

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



F5A8DA



FF9EDD



F5E9A8



7A6E76



BA0079

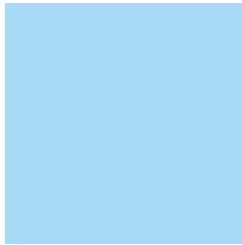


3B0026



# Previews

## White Background



This preview shows how the Hex color A8DAF5 looks on a white background.

## Color Contrast Check

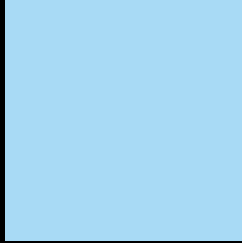
Large Text (above 18pt) WCAG AA × Fail

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 A8DAF5 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 A8DAF5 Background



This preview shows how black text looks on a background with the Hex color A8DAF5.

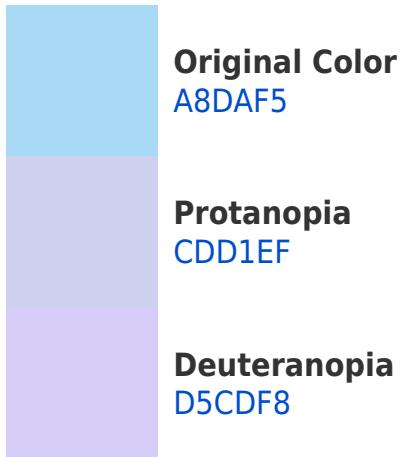


This preview shows how white text looks on a background with the Hex color A8DAF5.

# 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](#).

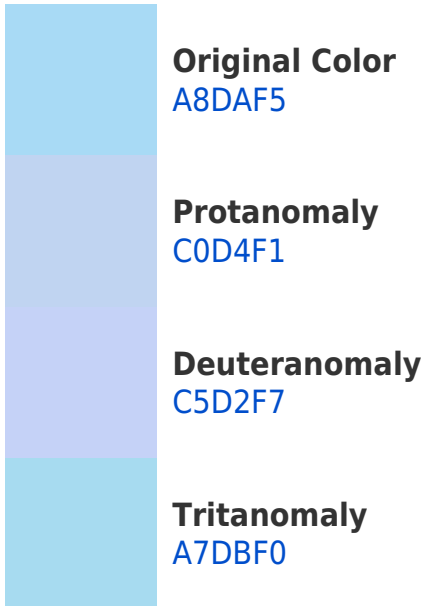
## Dichromacy



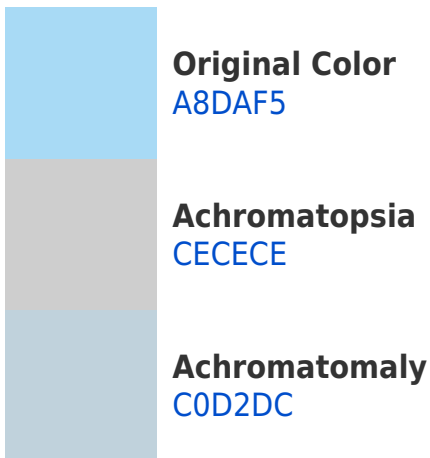


**Tritanopia**  
A6DBED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8DAF5 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 #A8DAF5 looks like.

```
.text, #text, p{  
    color:#A8DAF5  
}
```

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 #A8DAF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8DAF5
}
```

## Border

The CSS property to change the border of an element to Hex A8DAF5 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
#A8DAF5 }
```

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

```
.border{ border-color:#A8DAF5 }
```

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

Here you see how a box with a 4 pixel #A8DAF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8DAF5; -webkit-box-shadow:4px 4px  
4px 4px #A8DAF5; box-shadow:4px 4px 4px  
4px #A8DAF5 }
```

# Background

The CSS property to change the background color of an element to Hex A8DAF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8DAF5 }
```

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

```
.background{ background-color:#A8DAF5 }
```

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