

# Converting Colors

Hex(AAED6B)

Have a look what the booklet for  
Hex(AAED6B) contains.

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**Color**

**Hex(AAED6B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AAED6B
RGB	170, 237, 107
RGB Percent	67%, 93%, 42%
CMY	0.3333, 0.0706, 0.5804
CMYK	0.28, 0.00, 0.55, 0.07
HSL	91°, 78%, 67%
HSV	91°, 55%, 93%
XYZ	49.5156, 70.1760, 24.8455
YIQ	202.1470, 1.7980, -54.6340

# Conversions

## Conversions Part 2

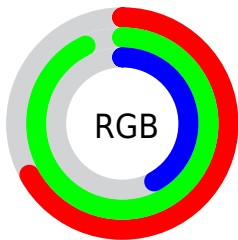
Format	Color
<b>RYB</b>	107, 237, 174
Decimal	11201899
CIELab	87.08, -42.00, 55.51
CIElCh	87, 69.614, 127.113
Yxy	70.1760, 0.3426, 0.4855
Android (android.graphics.Color)	4289391979 (0xFFAAED6B)
YUV	202.1470, -46.9075, -28.1929
Hunter-Lab	83.7711, -41.0913, 41.0551

# Details

The Hex color **AAED6B** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **AE6BED**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **E4FFA2**, and **72B535** is the 20% darker color. If you saturate the color by 10%, you get **9EED53**, and if you desaturate by 10%, it is **B6ED83**.

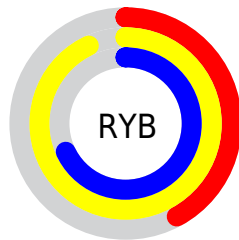
# Distribution



Red (67%)

Green (93%)

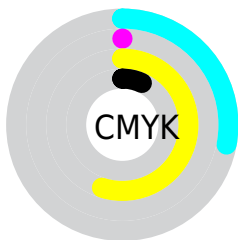
Blue (42%)



Red (42%)

Yellow (93%)

Blue (68%)

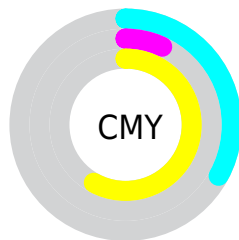


Cyan (28%)

Magenta (0%)

Yellow (55%)

Black (7%)



Cyan (33%)

Magenta (7%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAED6B 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 AAED6B by changing the saturation by 10% instead.



 AAED6B

 AAED6B

FFFFFF

 8ED150

 E4FFA2

 72B535

 FFFFBE

 569A16

 FFFFDA

 3A7F00

 FFFFF7

 1A6600

 004D00

 003500

 002000

 000000

■ AAED6B

■ AAED6B

■ 9EED53

■ B6ED83

■ 92ED3C

■ C2ED9A

■ 85ED24

■ CFEDB2

■ 79ED0C

■ DBEDCA

■ 73ED00

■ E7EDE2

■ F3EDF9

■ FFEDFF

# Harmonies

## Analogous

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



F0DC4E



AAED6B



3BF7A4

# Triad

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



AAED6B



00EFFF



FF9FCD

# Complementary

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



AAED6B



AE6BED

# 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.



FFA9FF



AAED6B



79DCFF

# Square

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



AAED6B



00F9FF



F3C2FF



FFAC8E

# Rectangle

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



AAED6B



00FAD1



F3C2FF



FFA0E3



# Sweetspot

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



AAED6B



EAFD6



EDAC6B



738067



000000



808080



# Same Dimension

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



AAED6B



A8FF57



6BED6B



6F756A



58B500



1A3600



# Inverse Universe

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



AE6BED



AD57FF



ED6BED



706A75



5D00B5



1C0036



# Previews

## White Background



This preview shows how the Hex color AAED6B looks on a white background.

## Color Contrast Check

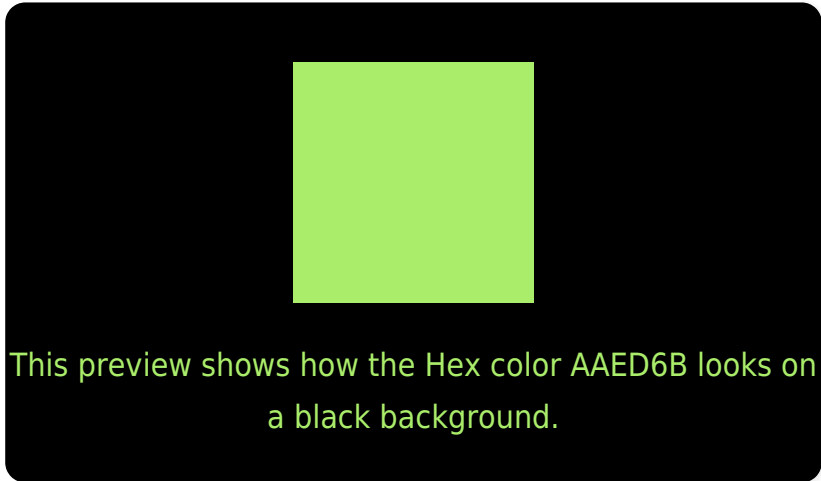
Large Text (above 18pt) WCAG AA × Fail

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 AAED6B Background



This preview shows how black text looks on a background with the Hex color AAED6B.

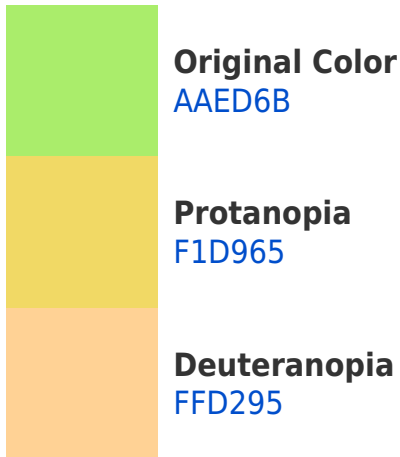


This preview shows how white text looks on a background with the Hex color AAED6B.

# 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](#).

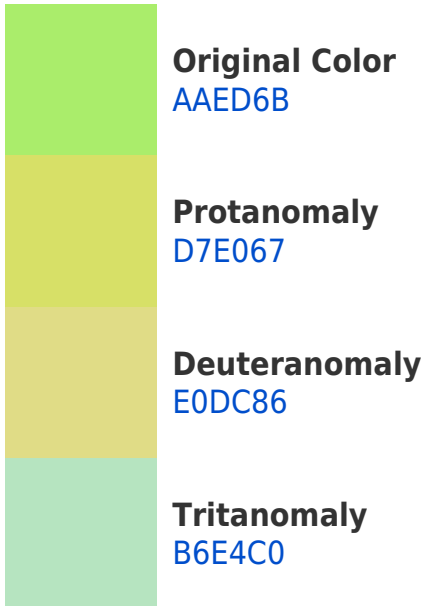
## Dichromacy



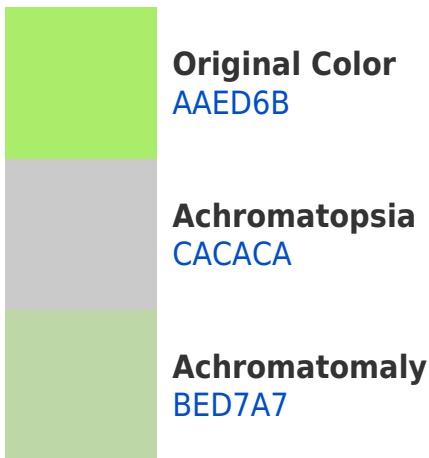


**Tritanopia**  
BDDFF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAED6B 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 #AAED6B looks like.

```
.text, #text, p{  
    color:#AAED6B  
}
```

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 #AAED6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAED6B
}
```

## Border

The CSS property to change the border of an element to Hex AAED6B 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
#AAED6B }
```

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

```
.border{ border-color:#AAED6B }
```

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

Here you see how a box with a 4 pixel #AAED6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAED6B; -webkit-box-shadow:4px 4px  
4px 4px #AAED6B; box-shadow:4px 4px 4px  
4px #AAED6B }
```

# Background

The CSS property to change the background color of an element to Hex AAED6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAED6B }
```

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

```
.background{ background-color:#AAED6B }
```

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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