

# Converting Colors

Hex(AEED3F)

Have a look what the booklet for  
Hex(AEED3F) contains.

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# Color

Hex(AEED3F)

# Conversions

## Conversions Part 1

Format	Color
Hex	AEED3F
RGB	174, 237, 63
RGB Percent	68%, 93%, 25%
CMY	0.3176, 0.0706, 0.7529
CMYK	0.27, 0.00, 0.73, 0.07
HSL	82°, 83%, 59%
HSV	82°, 73%, 93%
XYZ	48.6369, 69.9259, 15.6362
YIQ	198.3270, 18.3060, -67.4700

# Conversions

## Conversions Part 2

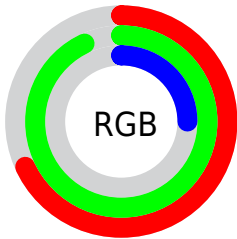
Format	Color
<a href="#">RYB</a>	<a href="#">63, 237, 126</a>
Decimal	<a href="#">11463999</a>
CIELab	<a href="#">86.96, -43.87, 72.78</a>
CIElCh	<a href="#">87, 84.983, 121.079</a>
Yxy	<a href="#">69.9259, 0.3624, 0.5211</a>
Android (android.graphics.Color)	<a href="#">4289654079</a> ( <a href="#">0xFFAEED3F</a> )
YUV	<a href="#">198.3270, -66.7162, -21.3348</a>
Hunter-Lab	<a href="#">83.6217, -42.5170, 47.4487</a>

# Details

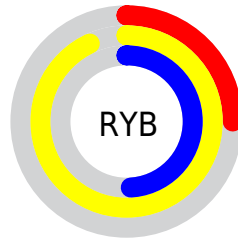
The Hex color **AEED3F** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed chartreuse. A complement of this color would be **7E3FED**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **E9FF7A**, and **74B500** is the 20% darker color. If you saturate the color by 10%, you get **A5ED27**, and if you desaturate by 10%, it is **B7ED57**.

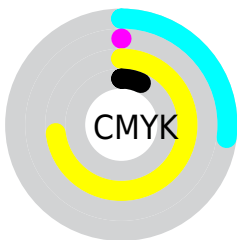
# Distribution



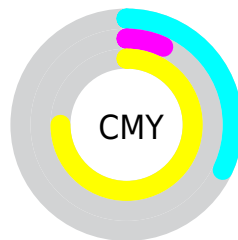
- Red (68%)
- Green (93%)
- Blue (25%)



- Red (25%)
- Yellow (93%)
- Blue (49%)



- Cyan (27%)
- Magenta (0%)
- Yellow (73%)
- Black (7%)



- Cyan (32%)
- Magenta (7%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEED3F 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 AEED3F by changing the saturation by 10% instead.



 AEED3F

 AEED3F

FFFFFF

 91D11A

 E9FF7A

 74B500

 FFFF96

 579A00

 FFFFB3

 397F00

 FFFFFD0

 166600

 FFFFEE

 004D00

 003500

 002000

 000000

 AEED3F

 AEED3F

 A5ED27

 B7ED57

 9DED10

 BFED6E

 97ED00

 C8ED86

 D0ED9E

 D9EDB5

 E1EDCD

 EAEDE5

 F3EDFD

 FBEDFF

# Harmonies

## Analogous

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



FFD716



AEED3F



00FA87

# Triad

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



AEED3F



00F6FF



FF8ADA

# Complementary

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



AEED3F



7E3FED

# 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.



FF9FFF



AEED3F



00E2FF

# Square

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



AEED3F



00FFFF



DCC3FF



FF978B

# Rectangle

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



AEEED3F



00FEBE



DCC3FF



FF8DF5



# Sweetspot

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



AEED3F



EBFFC7



ED7C3F



73805E



000000



808080



# Same Dimension

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



AEED3F



AEFF1F



59ED3F



71756A



73B500



223600



# Inverse Universe

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



7E3FED



701FFF



D33FED



6E6A75



4200B5

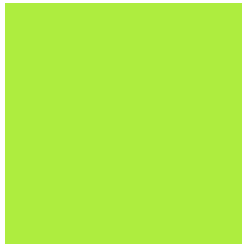


130036



# Previews

## White Background



This preview shows how the Hex color AEED3F looks on a white background.

## Color Contrast Check

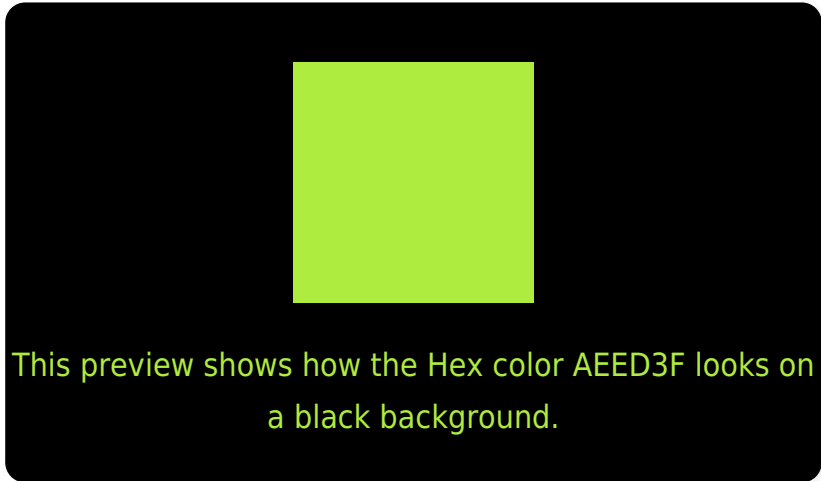
Large Text (above 18pt) WCAG AA × Fail

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 AEED3F Background



This preview shows how black text looks on a background with the Hex color AEED3F.

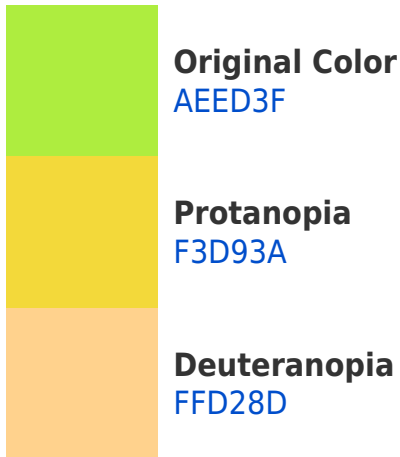


This preview shows how white text looks on a background with the Hex color AEED3F.

# 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](#).

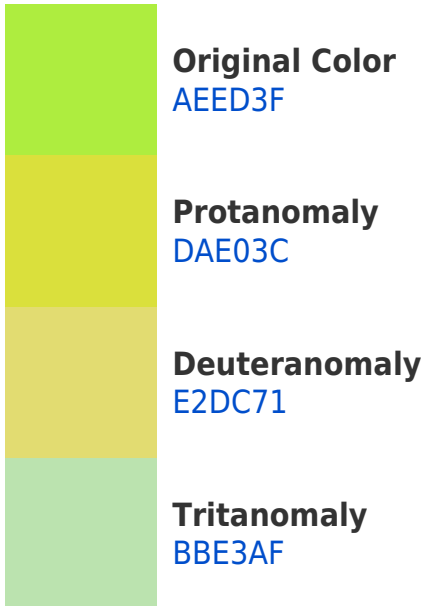
## Dichromacy



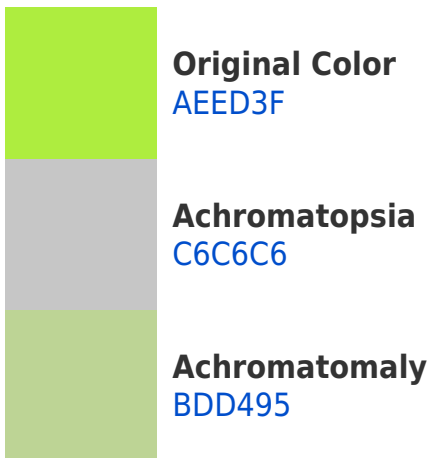


**Tritanopia**  
C3DDEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEED3F 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 #AEED3F looks like.

```
.text, #text, p{  
    color:#AEED3F  
}
```

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 #AEED3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEED3F
}
```

## Border

The CSS property to change the border of an element to Hex AEED3F 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
#AEED3F }
```

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

```
.border{ border-color:#AEED3F }
```

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

Here you see how a box with a 4 pixel #AEED3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEED3F; -webkit-box-shadow:4px 4px  
4px 4px #AEED3F; box-shadow:4px 4px 4px  
4px #AEED3F }
```

# Background

The CSS property to change the background color of an element to Hex AEED3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEED3F }
```

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

```
.background{ background-color:#AEED3F }
```

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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