

# Converting Colors

Hex(ABEA4F)

Have a look what the booklet for  
Hex(ABEA4F) contains.

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# Color

Hex(**ABEA4F**)

# Conversions

## Conversions Part 1

Format	Color
Hex	ABEA4F
RGB	171, 234, 79
RGB Percent	67%, 92%, 31%
CMY	0.3294, 0.0824, 0.6902
CMYK	0.27, 0.00, 0.66, 0.08
HSL	84°, 79%, 61%
HSV	84°, 66%, 92%
XYZ	47.6287, 68.0681, 18.0253
YIQ	197.4930, 12.2070, -61.5610

# Conversions

## Conversions Part 2

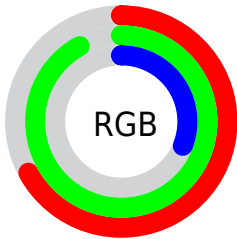
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 234, 142
Decimal	11266639
CIE <sub>Lab</sub>	86.04, -42.69, 66.11
CIE <sub>LCh</sub>	86, 78.698, 122.848
Yxy	68.0681, 0.3562, 0.5090
Android (android.graphics.Color)	4289456719 (0xFFABEA4F)
YUV	197.4930, -58.4170, -23.2344
Hunter-Lab	82.5034, -41.3340, 44.7987

# Details

The Hex color **ABEA4F** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **8E4FEA**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **E6FF87**, and **72B207** is the 20% darker color. If you saturate the color by 10%, you get **A1EA38**, and if you desaturate by 10%, it is **B5EA66**.

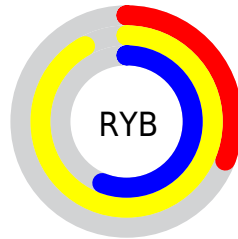
# Distribution



Red (67%)

Green (92%)

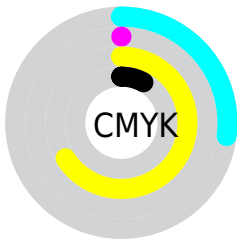
Blue (31%)



Red (31%)

Yellow (92%)

Blue (56%)

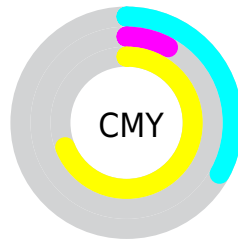


Cyan (27%)

Magenta (0%)

Yellow (66%)

Black (8%)



Cyan (33%)

Magenta (8%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABEA4F 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 ABEA4F by changing the saturation by 10% instead.



 ABEA4F

 ABEA4F

FFFFFF

 8ECE31

 E6FF87

 72B207

 FFFFA3

 559700

 FFFFC0

 387D00

 FFFFDD

 176300

 FFFFFA

 004B00

 003300

 001D00

 000000

 ABEA4F

 ABEA4F

 A1EA38

 B5EA66

 98EA20

 BEEA7E

 8EEA09

 C8EA95

 8BEA00

 D1EAAD

 DBEAC4

 E4EADB

 EEEAF3

 F7EAFF

 FFEAFF

# Harmonies

## Analogous

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



F7D62F



ABEA4F



1FF690

# Triad

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



ABEA4F



00F0FF



FF90D3

# Complementary

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



ABEA4F



8E4FEA

# 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.



FFA1FF



ABEA4F



00DDFF

# Square

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



ABEA4F



00F9FF



E2C0FF



FF9D8B

# Rectangle

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



ABEA4F



00FAC2



E2C0FF



FF92EC

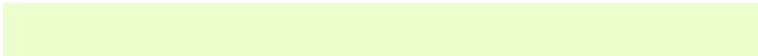


# Sweetspot

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



ABEA4F



EAFFCC



EA8D4F



738061



000000



808080



# Same Dimension

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



ABEA4F



ADFF36



5FEA4F



71756A



6BB500



203600



# Inverse Universe

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



8E4FEA



8736FF



DB4FEA



6E6A75



4A00B5

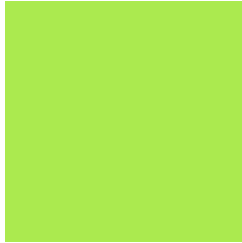


160036



# Previews

## White Background



This preview shows how the Hex color ABEA4F looks on a white background.

## Color Contrast Check

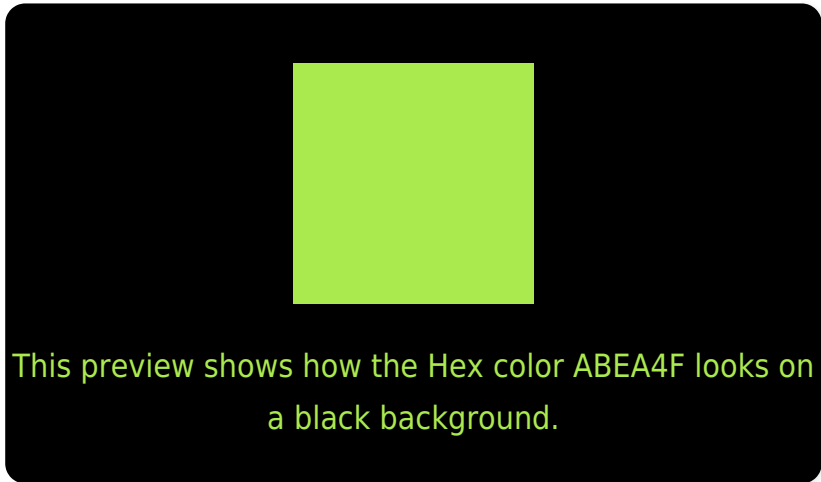
Large Text (above 18pt) WCAG AA × Fail

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 ABEA4F Background



This preview shows how black text looks on a background with the Hex color ABEA4F.

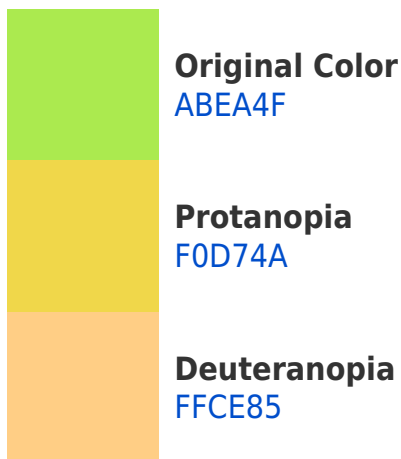


This preview shows how white text looks on a background with the Hex color ABEA4F.

# Color Blindness Simulation

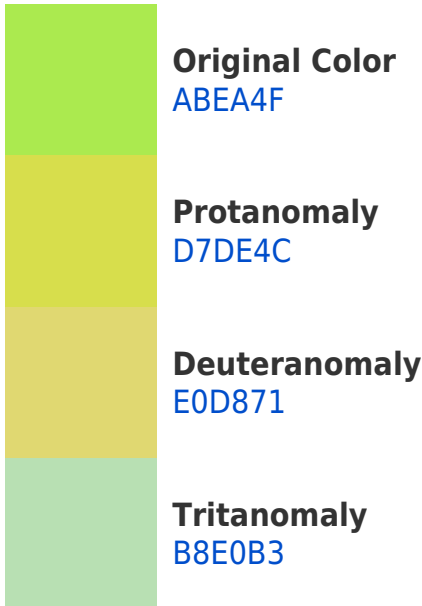
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

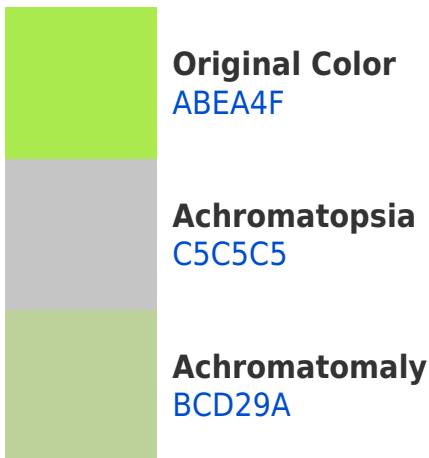




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABEA4F 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 #ABEA4F looks like.

```
.text, #text, p{  
    color:#ABEA4F  
}
```

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 #ABEA4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABEA4F
}
```

## Border

The CSS property to change the border of an element to Hex ABEA4F 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
#ABEA4F }
```

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

```
.border{ border-color:#ABEA4F }
```

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

Here you see how a box with a 4 pixel #ABEA4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABEA4F; -webkit-box-shadow:4px 4px  
4px 4px #ABEA4F; box-shadow:4px 4px 4px  
4px #ABEA4F }
```

# Background

The CSS property to change the background color of an element to Hex ABEA4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABEA4F }
```

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

```
.background{ background-color:#ABEA4F }
```

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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