

Converting Colors

Hex(4AEB6F)

Have a look what the booklet for
Hex(4AEB6F) contains.

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Color

Hex(4AEB6F)

Conversions

Conversions Part 1

Format	Color
Hex	4AEB6F
RGB	74, 235, 111
RGB Percent	29%, 92%, 44%
CMY	0.7098, 0.0784, 0.5647
CMYK	0.69, 0.00, 0.53, 0.08
HSL	134°, 80%, 61%
HSV	134°, 69%, 92%
XYZ	35.4016, 62.0202, 25.1442
YIQ	172.7250, -56.1520, -72.6960

Conversions

Conversions Part 2

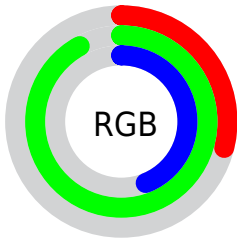
Format	Color
RYB	74, 205, 235
Decimal	4909935
CIELab	82.92, -66.65, 47.86
CIELCh	83, 82.051, 144.321
Yxy	62.0202, 0.2888, 0.5060
Android (android.graphics.Color)	4283100015 (0xFF4AEB6F)
YUV	172.7250, -30.4304, -86.5818
Hunter-Lab	78.7529, -57.5769, 36.1970

Details

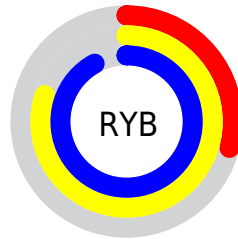
The Hex color **4AEB6F** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle muted spring green. A complement of this color would be **EB4AC6**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **8DFFA5**, and **00B23B** is the 20% darker color. If you saturate the color by 10%, you get **33EB5D**, and if you desaturate by 10%, it is **62EB81**.

Distribution



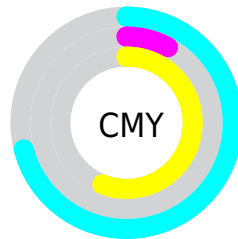
- Red (29%)
- Green (92%)
- Blue (44%)



- Red (29%)
- Yellow (80%)
- Blue (92%)



- Cyan (69%)
- Magenta (0%)
- Yellow (53%)
- Black (8%)



- Cyan (71%)
- Magenta (8%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AEB6F 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 4AEB6F by changing the saturation by 10% instead.

 4AEB6F

 4AEB6F


FFFFFF

 1ACE55

 8DFFA5

 00B23B

 ACFFC1

 00961F

 CBFFDD

 007B00

 EAFFFB

 006100

 004700

 003000

 001200

 000000

 4AEB6F

 4AEB6F


 33EB5D

 62EB81

 1BEB4B

 79EB93

 04EB39

 91EBA5

 00EB36

 A8EBB7

 C0EBC9

 D7EBDC

 EEEBEE

 FFEbff

Harmonies

Analogous

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



B8DD2C



4AEB6F



00F2BD

Triad

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



4AEB6F



00DCFF



FF8994

Complementary

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



4AEB6F



EB4AC6

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.



FF84E1



4AEB6F



B2C0FF

Square

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



4AEB6F



00ECFF



FF9DFF



FFA650

Rectangle

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



4AEB6F



00F3F2



FF9DFF



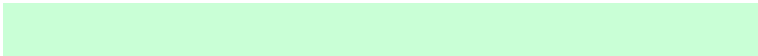
FF83AD

Sweetspot

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



4AEB6F



C9FFD6



C8EB4A



608067



000000



808080

Same Dimension

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



4AEB6F



2EFF5E



4AEBBD



6A756C



00B52A



00360C

Inverse Universe

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



EB4AC6



FF2ECF



EB4A78



756A73



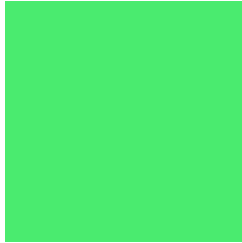
B5008B



360029

Previews

White Background



This preview shows how the Hex color 4AEB6F looks on a white background.

Color Contrast Check

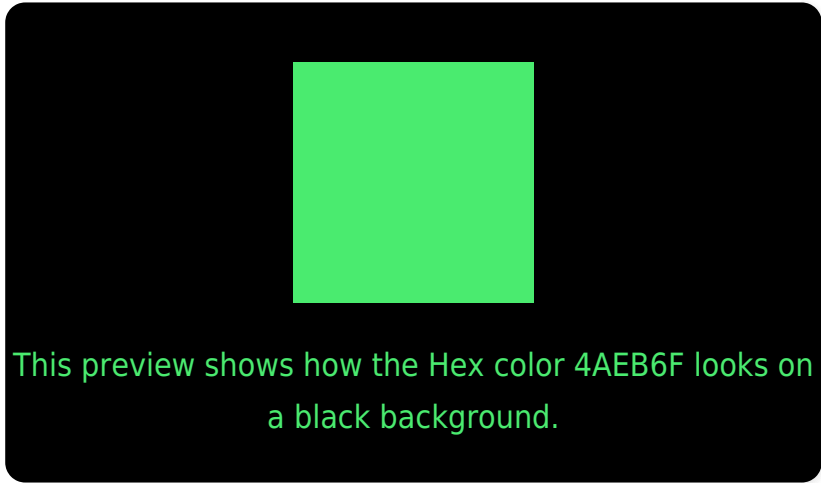
Large Text (above 18pt) WCAG AA × Fail

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

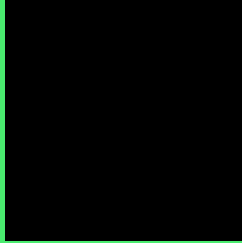
Any Text WCAG AA ✓ Pass

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 4AEB6F Background



This preview shows how black text looks on a background with the Hex color 4AEB6F.

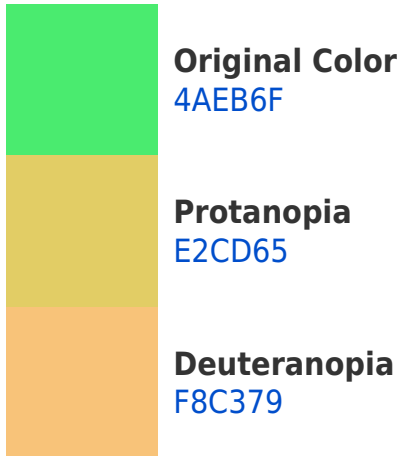


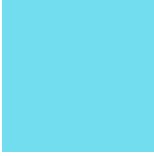
This preview shows how white text looks on a background with the Hex color 4AEB6F.

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
72DDEF

Trichromacy



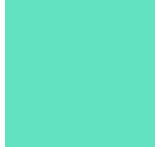
Original Color
4AEB6F



Protanomaly
ABD869



Deuteranomaly
B9D275



Tritanomaly
63E2C0

Monochromacy



Original Color
4AEB6F



Achromatopsia
ADADAD



Achromatomaly
89C496

CSS Examples

Text

The CSS property to change the color of the text to Hex 4AEB6F 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 #4AEB6F looks like.

```
.text, #text, p{  
    color:#4AEB6F  
}
```

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 #4AEB6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AEB6F
}
```

Border

The CSS property to change the border of an element to Hex 4AEB6F 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
#4AEB6F }
```

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

```
.border{ border-color:#4AEB6F }
```

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

Here you see how a box with a 4 pixel #4AEB6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AEB6F; -webkit-box-shadow:4px 4px  
4px 4px #4AEB6F; box-shadow:4px 4px 4px  
4px #4AEB6F }
```

Background

The CSS property to change the background color of an element to Hex 4AEB6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AEB6F }
```

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

```
.background{ background-color:#4AEB6F }
```

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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