

Converting Colors

Hex(4AEF97)

Have a look what the booklet for
Hex(4AEF97) contains.

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Color

Hex(4AEF97)

Conversions

Conversions Part 1

Format	Color
Hex	4AEF97
RGB	74, 239, 151
RGB Percent	29%, 94%, 59%
CMY	0.7098, 0.0627, 0.4078
CMYK	0.69, 0.00, 0.37, 0.06
HSL	148°, 84%, 61%
HSV	148°, 69%, 94%
XYZ	39.2765, 65.4232, 39.8360
YIQ	179.6330, -70.0920, -62.3480

Conversions

Conversions Part 2

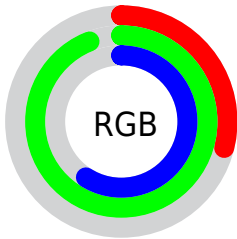
Format	Color
RYB	74, 187, 239
Decimal	4910999
CIELab	84.70, -61.64, 30.58
CIElCh	85, 68.805, 153.613
Yxy	65.4232, 0.2717, 0.4526
Android (android.graphics.Color)	4283101079 (0xFF4AEF97)
YUV	179.6330, -14.1161, -92.6401
Hunter-Lab	80.8846, -54.8709, 27.4187

Details

The Hex color **4AEF97** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **EF4AA2**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **8DFFCE**, and **00B663** is the 20% darker color. If you saturate the color by 10%, you get **32EF8A**, and if you desaturate by 10%, it is **62EFA4**.

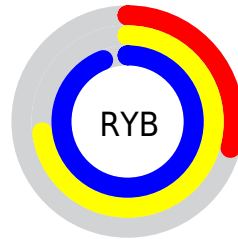
Distribution



Red (29%)

Green (94%)

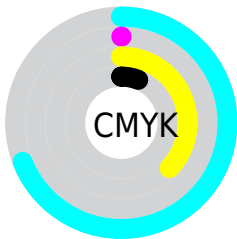
Blue (59%)



Red (29%)

Yellow (73%)

Blue (94%)

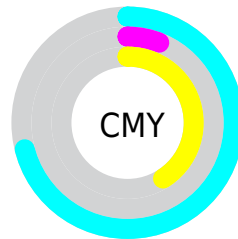


Cyan (69%)

Magenta (0%)

Yellow (37%)

Black (6%)



Cyan (71%)

Magenta (6%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AEF97 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 4AEF97 by changing the saturation by 10% instead.

 4AEF97

FFFFFF

 8DFFCE

 ACFFEA


 CBFFFF

 EAFFFF

 4AEF97

 1AD27D

 00B663

 009A4B

 007F33

 00651B

 004B02

 003400

 001900

 000000

 4AEF97

 4AEF97

 32EF8A

 62EFA4

 1AEF7E

 7AEFB0

 02EF71

 92EFBD

 00EF70

 AAEFCA

 C2EFD7

 D9EFE3

 F1EFF0

 FFEFFD

 FFEFFF

Harmonies

Analogous

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



ADE461



4AEF97



00F3DA

Triad

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



4AEF97



5BD8FF



FFA38F

Complementary

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



4AEF97



EF4AA2

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.



FF99CE



4AEF97



E1BFFF

Square

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



4AEF97



00E9FF



FFA5FF



FFBB5E

Rectangle

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



4AEF97



00F3FF



FFA5FF



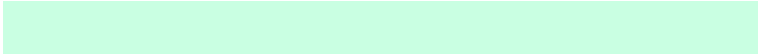
FF9EA3

Sweetspot

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



4AEF97



C9FFE2



A2EF4A



60806F



000000



808080

Same Dimension

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



4AEF97



2BFF8E



4AEFEA



6C7871



00B856



00381A

Inverse Universe

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



EF4AA2



FF2B9C



EF4A4F



786C72



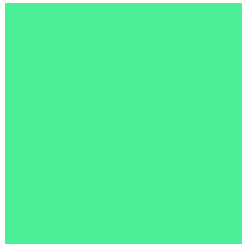
B80062



38001E

Previews

White Background



This preview shows how the Hex color 4AEF97 looks on a white background.

Color Contrast Check

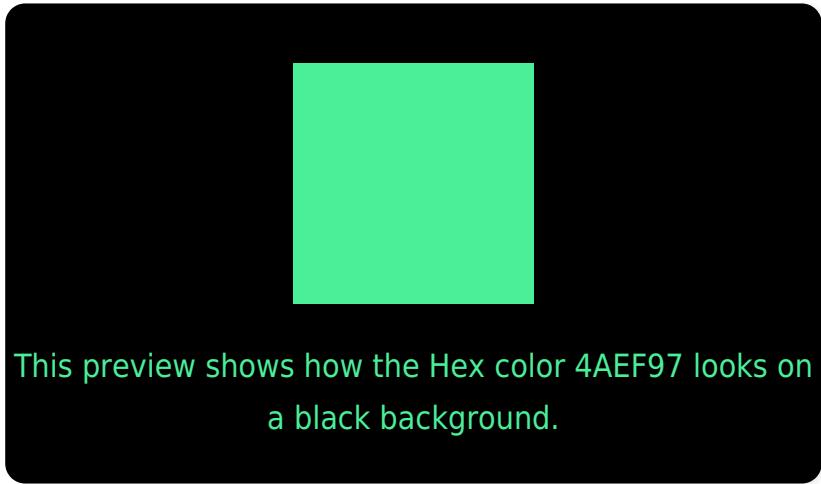
Large Text (above 18pt) WCAG AA × Fail

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

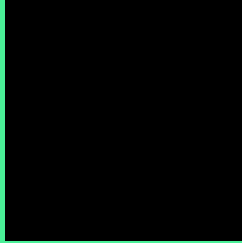
Any Text WCAG AA ✓ Pass

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 4AEF97 Background



This preview shows how black text looks on a background with the Hex color 4AEF97.

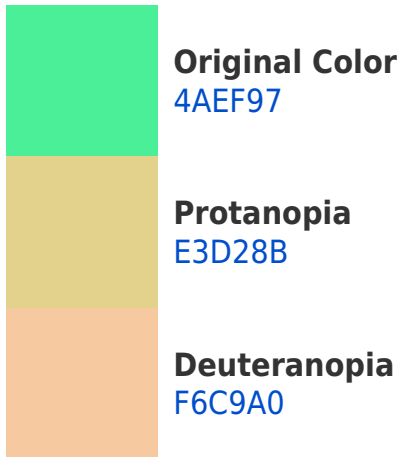


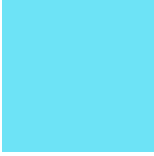
This preview shows how white text looks on a background with the Hex color 4AEF97.

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
6DE3F6

Trichromacy



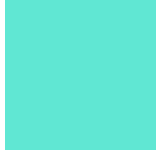
Original Color
4AEF97



Protanomaly
ABDD8F



Deuteranomaly
B7D79D

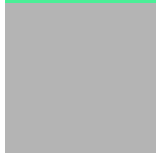


Tritanomaly
60E7D3

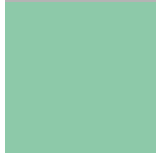
Monochromacy



Original Color
4AEF97



Achromatopsia
B4B4B4



Achromatomaly
8DC9A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 4AEF97 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 #4AEF97 looks like.

```
.text, #text, p{  
    color:#4AEF97  
}
```

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 #4AEF97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AEF97
}
```

Border

The CSS property to change the border of an element to Hex 4AEF97 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
#4AEF97 }
```

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

```
.border{ border-color:#4AEF97 }
```

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

Here you see how a box with a 4 pixel #4AEF97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AEF97; -webkit-box-shadow:4px 4px  
4px 4px #4AEF97; box-shadow:4px 4px 4px  
4px #4AEF97 }
```

Background

The CSS property to change the background color of an element to Hex 4AEF97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AEF97 }
```

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

```
.background{ background-color:#4AEF97 }
```

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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