

Converting Colors

Hex(4AF77E)

Have a look what the booklet for
Hex(4AF77E) contains.

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Color

Hex(4AF77E)

Conversions

Conversions Part 1

Format	Color
Hex	4AF77E
RGB	74, 247, 126
RGB Percent	29%, 97%, 49%
CMY	0.7098, 0.0314, 0.5059
CMYK	0.70, 0.00, 0.49, 0.03
HSL	138°, 92%, 63%
HSV	138°, 70%, 97%
XYZ	39.8507, 69.4837, 31.0500
YIQ	181.4790, -64.2670, -74.3070

Conversions

Conversions Part 2

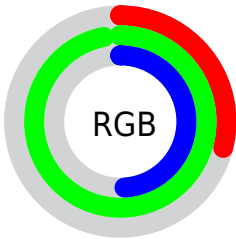
Format	Color
RYB	74, 207, 247
Decimal	4913022
CIELab	86.74, -68.63, 45.50
CIElCh	87, 82.343, 146.457
Yxy	69.4837, 0.2839, 0.4950
Android (android.graphics.Color)	4283103102 (0xFF4AF77E)
YUV	181.4790, -27.3511, -94.2591
Hunter-Lab	83.3569, -60.5385, 36.2646

Details

The Hex color **4AF77E** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **F74AC3**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **8FFFB4**, and **00BD4A** is the 20% darker color. If you saturate the color by 10%, you get **31F76D**, and if you desaturate by 10%, it is **63F78F**.

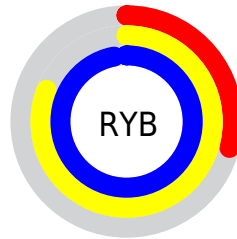
Distribution



Red (29%)

Green (97%)

Blue (49%)



Red (29%)

Yellow (81%)

Blue (97%)

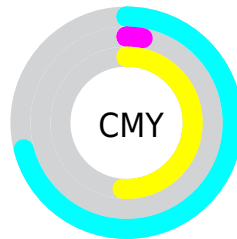


Cyan (70%)

Magenta (0%)

Yellow (49%)

Black (3%)



Cyan (71%)

Magenta (3%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AF77E 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 4AF77E by changing the saturation by 10% instead.

 4AF77E

 4AF77E

FFFFFF

 15DA64

 8FFFB4

 00BD4A

 AEFFD1

 00A130

 CDFFED

 008613

 EDFFFF

 006B00

 005100

 003900

 001F00

 000000

 4AF77E

 4AF77E

 31F76D

 63F78F

 19F75B

 7BF7A1

 00F74A

 94F7B2

 ADF7C3

 C5F7D4

 DEF7E6

 F7F7F7

 FFF7FF

Harmonies

Analogous

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



BDE93C



4AF77E



00FDCE

Triad

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



4AF77E



00E5FF



FF9698

Complementary

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



4AF77E



F74AC3

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.



FF8EE6



4AF77E



C8C8FF

Square

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



4AF77E



00F6FF



FFA6FF



FFB355

Rectangle

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



4AF77E



00FEFF



FFA6FF



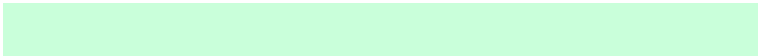
FF90B1

Sweetspot

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



4AF77E



C9FFDA



C3F74A



608069



000000



808080

Same Dimension

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



4AF77E



29FF69



4AF7D4



6E7A72



00BA38



003B12

Inverse Universe

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



F74AC3



FF29BF



F74A6D



7A6E77



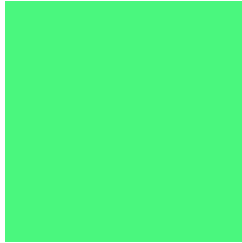
BA0082



3B0029

Previews

White Background



This preview shows how the Hex color 4AF77E looks on a white background.

Color Contrast Check

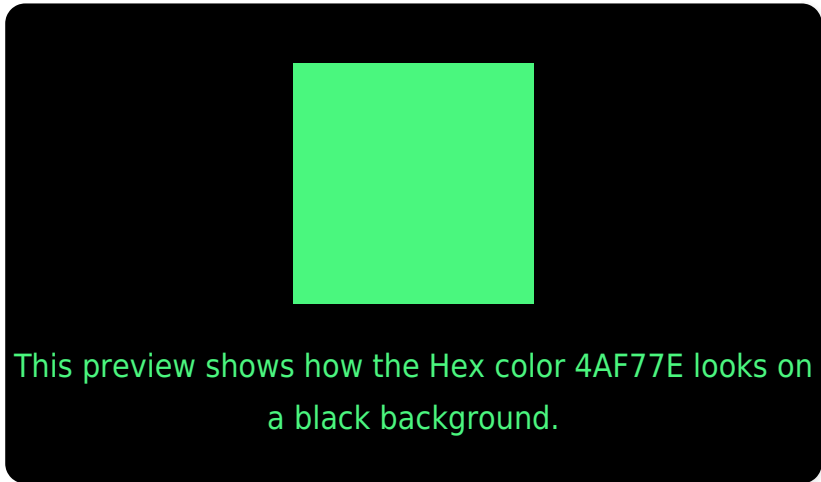
Large Text (above 18pt) WCAG AA × Fail

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

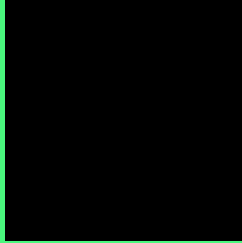
Any Text WCAG AA ✓ Pass

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 4AF77E Background



This preview shows how black text looks on a background with the Hex color 4AF77E.

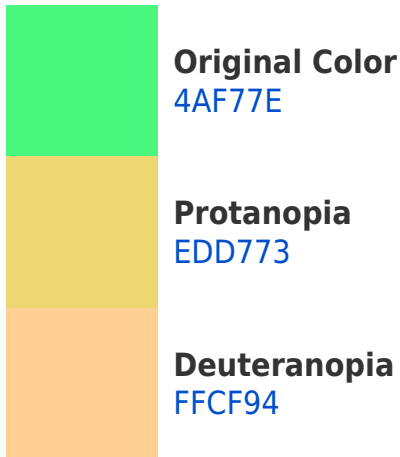


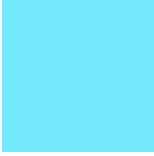
This preview shows how white text looks on a background with the Hex color 4AF77E.

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
74E9FC

Trichromacy



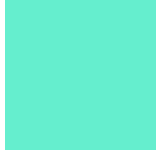
Original Color
4AF77E



Protanomaly
B2E377

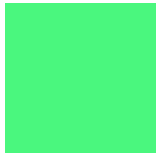


Deuteranomaly
BDDE8C

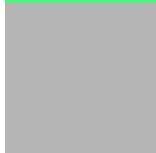


Tritanomaly
65EECE

Monochromacy



Original Color
4AF77E



Achromatopsia
B5B5B5



Achromatomaly
8ECDA1

CSS Examples

Text

The CSS property to change the color of the text to Hex 4AF77E 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 #4AF77E looks like.

```
.text, #text, p{  
    color:#4AF77E  
}
```

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 #4AF77E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AF77E
}
```

Border

The CSS property to change the border of an element to Hex 4AF77E 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
#4AF77E }
```

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

```
.border{ border-color:#4AF77E }
```

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

Here you see how a box with a 4 pixel #4AF77E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AF77E; -webkit-box-shadow:4px 4px  
4px 4px #4AF77E; box-shadow:4px 4px 4px  
4px #4AF77E }
```

Background

The CSS property to change the background color of an element to Hex 4AF77E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AF77E }
```

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

```
.background{ background-color:#4AF77E }
```

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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