

Converting Colors

Hex(3AF977)

Have a look what the booklet for
Hex(3AF977) contains.

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Color

Hex(3AF977)

Conversions

Conversions Part 1

Format	Color
Hex	3AF977
RGB	58, 249, 119
RGB Percent	23%, 98%, 47%
CMY	0.7725, 0.0235, 0.5333
CMYK	0.77, 0.00, 0.52, 0.02
HSL	139°, 94%, 60%
HSV	139°, 77%, 98%
XYZ	38.9504, 69.9828, 28.9079
YIQ	177.0710, -72.1060, -80.9220

Conversions

Conversions Part 2

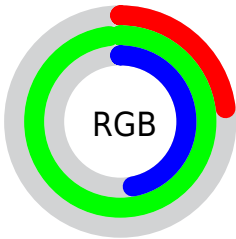
Format	Color
R _{YB}	58, 203, 249
Decimal	3864951
CIE Lab	86.99, -72.53, 49.02
CIE LCh	87, 87.542, 145.944
Yxy	69.9828, 0.2826, 0.5077
Android (android.graphics.Color)	4282055031 (0xFF3AF977)
YUV	177.0710, -28.6290, -104.4253
Hunter-Lab	83.6557, -63.2874, 38.0709

Details

The Hex color **3AF977** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **F93ABC**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **85FFAE**, and **00BF42** is the 20% darker color. If you saturate the color by 10%, you get **21F966**, and if you desaturate by 10%, it is **53F988**.

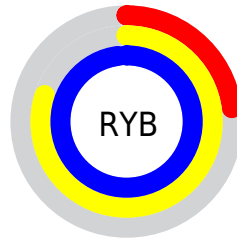
Distribution



Red (23%)

Green (98%)

Blue (47%)



Red (23%)

Yellow (80%)

Blue (98%)

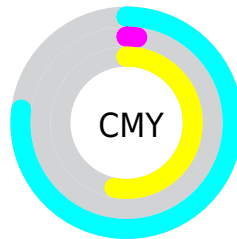


Cyan (77%)

Magenta (0%)

Yellow (52%)

Black (2%)



Cyan (77%)

Magenta (2%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AF977 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 3AF977 by changing the saturation by 10% instead.

 3AF977

 3AF977

FFFFFF

 00DC5D

 85FFAE

 00BF42

 A6FFCA

 00A327

 C5FFE6

 008704

 E5FFFF

 006C00

 005200

 003A00

 002000

 000000

 3AF977

 3AF977

 21F966

 53F988

 08F955

 6CF999

 00F950

 85F9AA

 9EF9BB

 B7F9CC

 CFF9DD

 E8F9EE

 FFF9FF

Harmonies

Analogous

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



BCEA2B



3AF977



00FFCC

Triad

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



3AF977



00E7FF



FF8F96

Complementary

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



3AF977



F93ABC

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.



FF87E9



3AF977



C3C9FF

Square

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



3AF977



00F9FF



FFA2FF



FFB04D

Rectangle

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



3AF977



00FFFF



FFA2FF



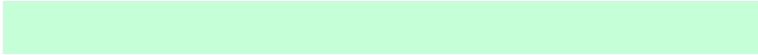
FF88B1

Sweetspot

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



3AF977



C4FFD7



BDF93A



5C8067



000000



808080

Same Dimension

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



3AF977



14FF5F



3AF9D6



707D74



00BD3C



003D14

Inverse Universe

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



F93ABC



FF14B4



F93A5D



7D7079



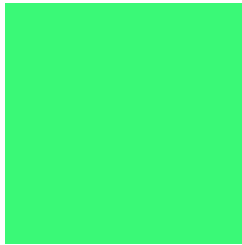
BD0080



3D002A

Previews

White Background



This preview shows how the Hex color 3AF977 looks on a white background.

Color Contrast Check

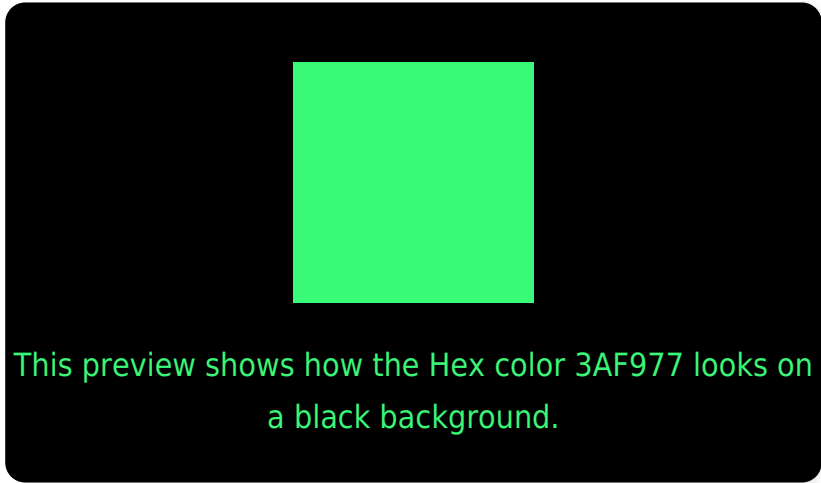
Large Text (above 18pt) WCAG AA × Fail

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

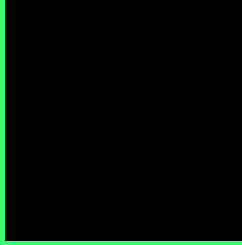
Any Text WCAG AA ✓ Pass

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 3AF977 Background



This preview shows how black text looks on a background with the Hex color 3AF977.

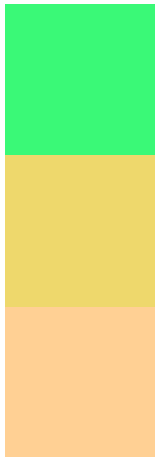


This preview shows how white text looks on a background with the Hex color 3AF977.

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](#).

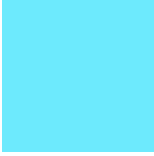
Dichromacy



Original Color
3AF977

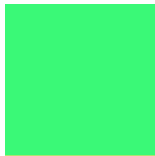
Protanopia
EED86C

Deuteranopia
FFD094



Tritanopia
6DEAFD

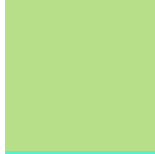
Trichromacy



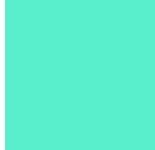
Original Color
3AF977



Protanomaly
ADE470



Deuteranomaly
B7DF89

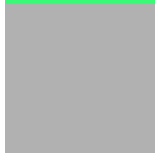


Tritanomaly
5AEFCC

Monochromacy



Original Color
3AF977



Achromatopsia
B1B1B1



Achromatomaly
86CB9C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3AF977 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 #3AF977 looks like.

```
.text, #text, p{  
    color:#3AF977  
}
```

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 #3AF977 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AF977
}
```

Border

The CSS property to change the border of an element to Hex 3AF977 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
#3AF977 }
```

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

```
.border{ border-color:#3AF977 }
```

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

Here you see how a box with a 4 pixel #3AF977 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AF977; -webkit-box-shadow:4px 4px  
4px 4px #3AF977; box-shadow:4px 4px 4px  
4px #3AF977 }
```

Background

The CSS property to change the background color of an element to Hex 3AF977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AF977 }
```

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

```
.background{ background-color:#3AF977 }
```

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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