

# Converting Colors

Hex(3AF974)

Have a look what the booklet for  
Hex(3AF974) contains.

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# **Color**

**Hex(3AF974)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3AF974
RGB	58, 249, 116
RGB Percent	23%, 98%, 45%
CMY	0.7725, 0.0235, 0.5451
CMYK	0.77, 0.00, 0.53, 0.02
HSL	138°, 94%, 60%
HSV	138°, 77%, 98%
XYZ	38.7730, 69.9119, 27.9738
YIQ	176.7290, -71.1430, -81.8550

# Conversions

## Conversions Part 2

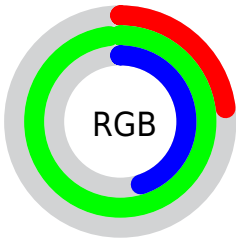
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 205, 249
Decimal	3864948
CIELab	86.95, -72.94, 50.36
CIELCh	87, 88.640, 145.377
Yxy	69.9119, 0.2837, 0.5116
Android (android.graphics.Color)	4282055028 (0xFF3AF974)
YUV	176.7290, -29.9394, -104.1253
Hunter-Lab	83.6133, -63.5496, 38.6932

# Details

The Hex color **3AF974** 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 **F93ABF**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **85FFAB**, and **00BF3F** is the 20% darker color. If you saturate the color by 10%, you get **21F963**, and if you desaturate by 10%, it is **53F985**.

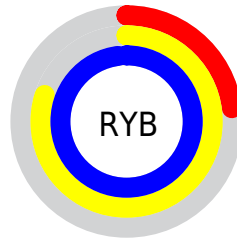
# Distribution



Red (23%)

Green (98%)

Blue (45%)



Red (23%)

Yellow (80%)

Blue (98%)

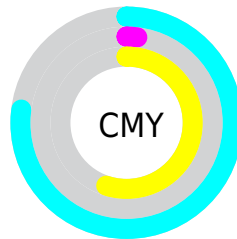


Cyan (77%)

Magenta (0%)

Yellow (53%)

Black (2%)



Cyan (77%)

Magenta (2%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3AF974 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 3AF974 by changing the saturation by 10% instead.



 3AF974

 3AF974

FFFFFF

 00DC59

 85FFAB

 00BF3F

 A6FFC7

 00A323

 C5FFE3

 008700

 E5FFFF

 006C00

 005200

 003A00

 002000

 000000

 3AF974

 3AF974

 21F963

 53F985

 08F951

 6CF997

 00F94C

 85F9A8

 9EF9B9

 B7F9CB

 CFF9DC

 E8F9ED

 FFF9FF

# Harmonies

## Analogous

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



BDEA25



3AF974



00FFCA

# Triad

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



3AF974



00E8FF



FF8D97

# Complementary

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



3AF974



F93ABF

# 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.



FF86EB



3AF974



BFC9FF

# Square

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



3AF974



00F9FF



FFA2FF



FFAF4C

# Rectangle

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



3AF974



00FFFF



FFA2FF



FF86B2

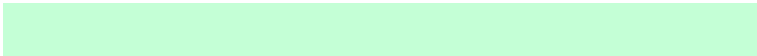


# Sweetspot

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



3AF974



C4FFD6



C0F93A



5C8067



000000



808080



# Same Dimension

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



3AF974



14FF5C



3AF9D3



707D74



00BD39



003D13



# Inverse Universe

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



F93ABF



FF14B8



F93A60



7D7079



BD0083

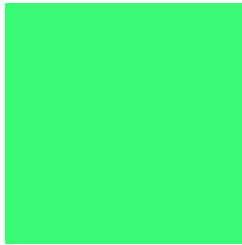


3D002B



# Previews

## White Background



This preview shows how the Hex color 3AF974 looks on a white background.

## Color Contrast Check

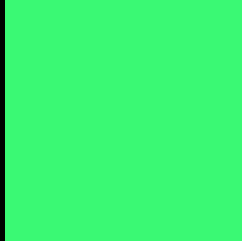
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 3AF974 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

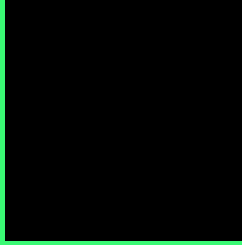
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3AF974 Background



This preview shows how black text looks on a background with the Hex color 3AF974.

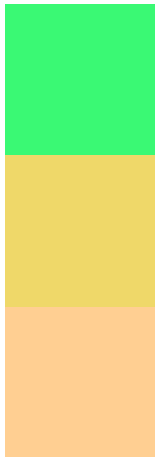


This preview shows how white text looks on a background with the Hex color 3AF974.

# 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](#).

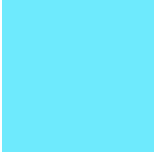
## Dichromacy



**Original Color**  
3AF974

**Protanopia**  
EFD869

**Deuteranopia**  
FFCF92



**Tritanopia**  
6EEAFD

# Trichromacy



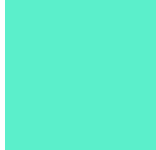
**Original Color**  
3AF974



**Protanomaly**  
ADE46D



**Deuteranomaly**  
B7DE87

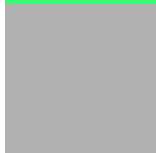


**Tritanomaly**  
5BEFCB

# Monochromacy



**Original Color**  
3AF974



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
86CB9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3AF974 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 #3AF974 looks like.

```
.text, #text, p{  
    color:#3AF974  
}
```

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 #3AF974 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AF974
}
```

## Border

The CSS property to change the border of an element to Hex 3AF974 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
#3AF974 }
```

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

```
.border{ border-color:#3AF974 }
```

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

Here you see how a box with a 4 pixel #3AF974 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AF974; -webkit-box-shadow:4px 4px  
4px 4px #3AF974; box-shadow:4px 4px 4px  
4px #3AF974 }
```

# Background

The CSS property to change the background color of an element to Hex 3AF974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AF974 }
```

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

```
.background{ background-color:#3AF974 }
```

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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