

Converting Colors

Hex(3AF857)

Have a look what the booklet for
Hex(3AF857) contains.

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Color

Hex(3AF857)

Conversions

Conversions Part 1

Format	Color
Hex	3AF857
RGB	58, 248, 87
RGB Percent	23%, 97%, 34%
CMY	0.7725, 0.0275, 0.6588
CMYK	0.77, 0.00, 0.65, 0.03
HSL	129°, 93%, 60%
HSV	129°, 77%, 97%
XYZ	37.0326, 68.7225, 20.3298
YIQ	172.8360, -61.5590, -90.3510

Conversions

Conversions Part 2

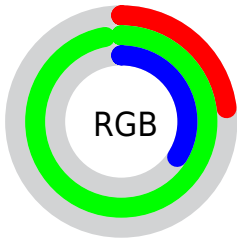
Format	Color
R _Y B	58, 223, 248
Decimal	3864663
CIE Lab	86.37, -76.04, 62.18
CIE LCh	86, 98.232, 140.727
Yxy	68.7225, 0.2937, 0.5450
Android (android.graphics.Color)	4282054743 (0xFF3AF857)
YUV	172.8360, -42.3171, -100.7112
Hunter-Lab	82.8990, -65.3338, 43.4893

Details

The Hex color **3AF857** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **F83ADB**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **86FF8F**, and **00BE18** is the 20% darker color. If you saturate the color by 10%, you get **21F842**, and if you desaturate by 10%, it is **53F86C**.

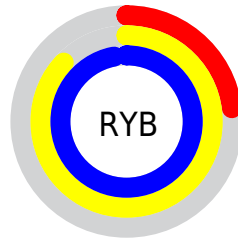
Distribution



Red (23%)

Green (97%)

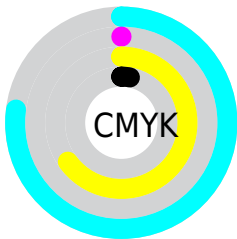
Blue (34%)



Red (23%)

Yellow (87%)

Blue (97%)

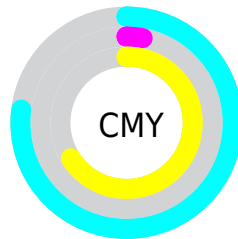


Cyan (77%)

Magenta (0%)

Yellow (65%)

Black (3%)



Cyan (77%)

Magenta (3%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AF857 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 3AF857 by changing the saturation by 10% instead.

 3AF857

 3AF857

FFFFFF

 00DB3A

 86FF8F

 00BE18

 A7FFAB

 00A200

 C7FFC7

 008600

 E6FFE5

 006B00

 005100

 003900

 001E00

 000000

 3AF857

 3AF857

 21F842

 53F86C

 08F82D

 6CF881

 00F826

 84F896

 9DF8AB

 B6F8C0

 CFF8D5

 E8F8EA

 FFF8FF

Harmonies

Analogous

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



C5E700



3AF857



00FFB7

Triad

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



3AF857



00ECFF



FF789C

Complementary

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



3AF857



F83ADB

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.



FF76F9



3AF857



92CCFF

Square

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



3AF857



00DFF



FF9FFF



FFA145

Rectangle

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



3AF857



00FFF8



FF9FFF



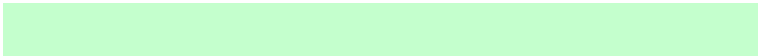
FF71BB

Sweetspot

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



3AF857



C4FFCD



DBF83A



5C8061



000000



808080

Same Dimension

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



3AF857



14FF38



3AF8B5



707D72



00BD1D



003D09

Inverse Universe

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



F83ADB



FF14DB



F83A7C



7D707B



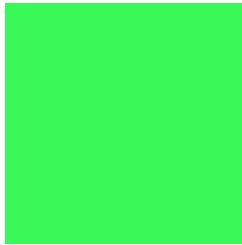
BD00A0



3D0034

Previews

White Background



This preview shows how the Hex color 3AF857 looks on a white background.

Color Contrast Check

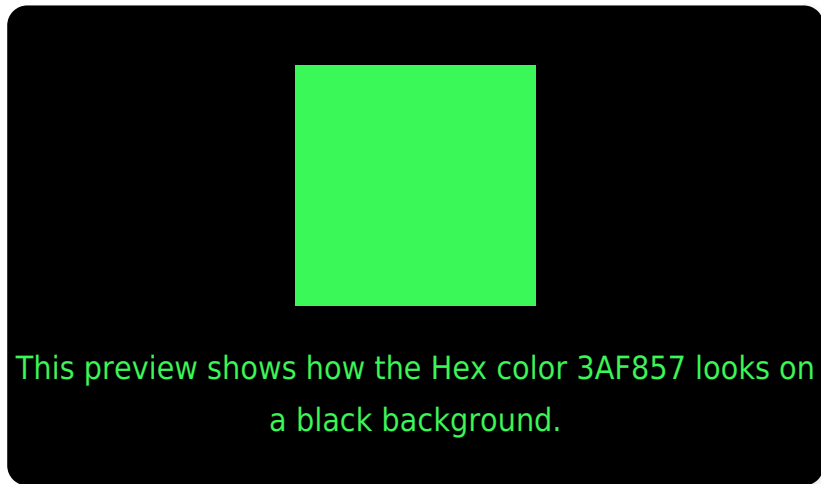
Large Text (above 18pt) WCAG AA × Fail

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 3AF857 Background



This preview shows how black text looks on a background with the Hex color 3AF857.

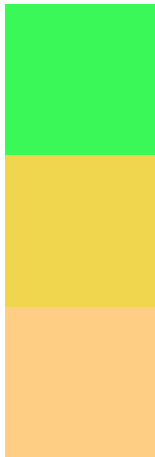


This preview shows how white text looks on a background with the Hex color 3AF857.

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](#).

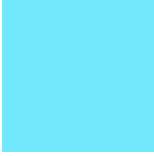
Dichromacy



Original Color
3AF857

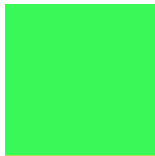
Protanopia
EFD64E

Deuteranopia
FFCE85



Tritanopia
71E8FB

Trichromacy



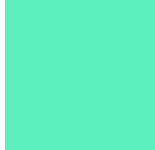
Original Color
3AF857



Protanomaly
ADE251

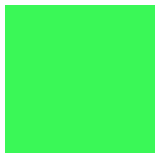


Deuteranomaly
B7DD74



Tritanomaly
5DEEBF

Monochromacy



Original Color
3AF857



Achromatopsia
ADADAD



Achromatomaly
83C88E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3AF857 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 #3AF857 looks like.

```
.text, #text, p{  
    color:#3AF857  
}
```

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 #3AF857 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AF857
}
```

Border

The CSS property to change the border of an element to Hex 3AF857 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
#3AF857 }
```

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

```
.border{ border-color:#3AF857 }
```

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

Here you see how a box with a 4 pixel #3AF857 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AF857; -webkit-box-shadow:4px 4px  
4px 4px #3AF857; box-shadow:4px 4px 4px  
4px #3AF857 }
```

Background

The CSS property to change the background color of an element to Hex 3AF857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AF857 }
```

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

```
.background{ background-color:#3AF857 }
```

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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