

Converting Colors

Hex(3BF957)

Have a look what the booklet for
Hex(3BF957) contains.

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Color

Hex(3BF957)

Conversions

Conversions Part 1

Format	Color
Hex	3BF957
RGB	59, 249, 87
RGB Percent	23%, 98%, 34%
CMY	0.7686, 0.0235, 0.6588
CMYK	0.76, 0.00, 0.65, 0.02
HSL	129°, 94%, 60%
HSV	129°, 76%, 98%
XYZ	37.3996, 69.3693, 20.4353
YIQ	173.7220, -61.2380, -90.6620

Conversions

Conversions Part 2

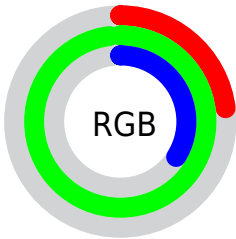
Format	Color
RYB	59, 225, 249
Decimal	3930455
CIELab	86.69, -76.22, 62.54
CIELCh	87, 98.594, 140.632
Yxy	69.3693, 0.2940, 0.5453
Android (android.graphics.Color)	4282120535 (0xFF3BF957)
YUV	173.7220, -42.7539, -100.6112
Hunter-Lab	83.2882, -65.6010, 43.7546

Details

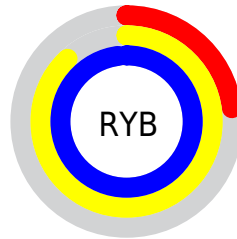
The Hex color **3BF957** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **F93BDD**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **87FF8F**, and **00BF18** is the 20% darker color. If you saturate the color by 10%, you get **22F942**, and if you desaturate by 10%, it is **54F96C**.

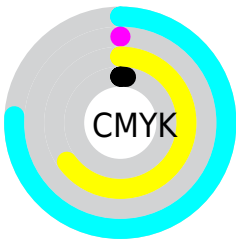
Distribution



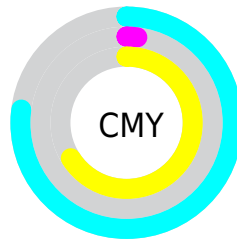
- Red (23%)
- Green (98%)
- Blue (34%)



- Red (23%)
- Yellow (88%)
- Blue (98%)



- Cyan (76%)
- Magenta (0%)
- Yellow (65%)
- Black (2%)



- Cyan (77%)
- Magenta (2%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BF957 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 3BF957 by changing the saturation by 10% instead.

 3BF957

FFFFFF

 87FF8F

 A8FFAB

 C7FFC8

 E7FFE5

 3BF957

 00DC3A

 00BF18

 00A300

 008700

 006C00

 005200

 003A00

 001F00

 000000

 3BF957

 3BF957

 22F942

 54F96C

 09F92D

 6DF981

 00F925

 86F997

 9FF9AC

 B7F9C1

 D0F9D6

 E9F9EC

 FFF9FF

Harmonies

Analogous

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



C6E800



3BF957



00FFB7

Triad

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



3BF957



00EDFF



FF799D

Complementary

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



3BF957



F93BDD

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.



FF76FB



3BF957



92CDFF

Square

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



3BF957



00FEFF



FFA0FF



FFA146

Rectangle

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



3BF957



00FFF9



FFA0FF



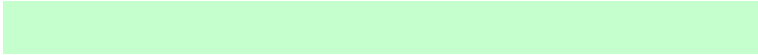
FF72BC

Sweetspot

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



3BF957



C4FFCD



E0F93B



5C8061



000000



808080

Same Dimension

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



3BF957



14FF37



3BF9B3



707D72



00BD1C



003D09

Inverse Universe

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



F93BDD



FF14DC



F93B81



7D707B



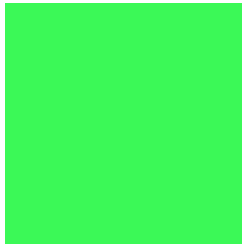
BD00A1



3D0034

Previews

White Background



This preview shows how the Hex color 3BF957 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 3BF957 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 3BF957 Background



This preview shows how black text looks on a background with the Hex color 3BF957.

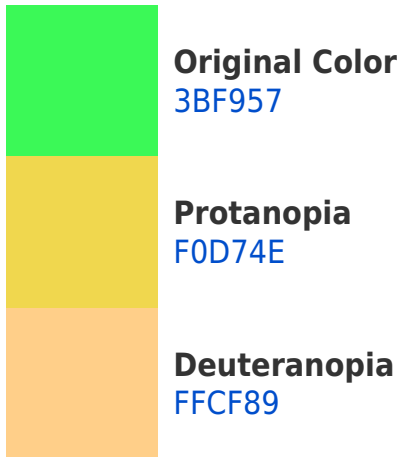


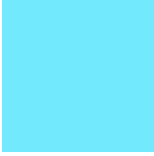
This preview shows how white text looks on a background with the Hex color 3BF957.

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
72E9FC

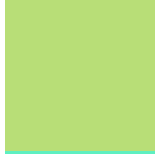
Trichromacy



Original Color
3BF957



Protanomaly
AEE351

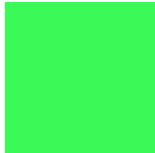


Deuteranomaly
B8DE77



Tritanomaly
5EEFC0

Monochromacy



Original Color
3BF957



Achromatopsia
AEAEAE



Achromatomaly
84C98E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3BF957 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 #3BF957 looks like.

```
.text, #text, p{  
    color:#3BF957  
}
```

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 #3BF957 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BF957
}
```

Border

The CSS property to change the border of an element to Hex 3BF957 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
#3BF957 }
```

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

```
.border{ border-color:#3BF957 }
```

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

Here you see how a box with a 4 pixel #3BF957 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BF957; -webkit-box-shadow:4px 4px  
4px 4px #3BF957; box-shadow:4px 4px 4px  
4px #3BF957 }
```

Background

The CSS property to change the background color of an element to Hex 3BF957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BF957 }
```

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

```
.background{ background-color:#3BF957 }
```

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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