

# Converting Colors

Hex(B3F93F)

Have a look what the booklet for  
Hex(B3F93F) contains.

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**Color**

**Hex(B3F93F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3F93F
RGB	179, 249, 63
RGB Percent	70%, 98%, 25%
CMY	0.2980, 0.0235, 0.7529
CMYK	0.28, 0.00, 0.75, 0.02
HSL	83°, 94%, 61%
HSV	83°, 75%, 98%
XYZ	53.3633, 77.6940, 16.8865
YIQ	206.8660, 17.9860, -72.6860

# Conversions

## Conversions Part 2

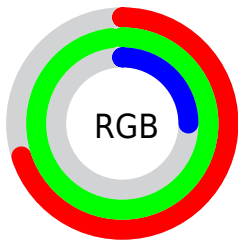
Format	Color
<a href="#">RYB</a>	<a href="#">63, 249, 133</a>
Decimal	<a href="#">11794751</a>
CIELab	<a href="#">90.64, -47.17, 76.41</a>
CIElCh	<a href="#">91, 89.797, 121.691</a>
Yxy	<a href="#">77.6940, 0.3607, 0.5252</a>
Android (android.graphics.Color)	<a href="#">4289984831 (0xFFB3F93F)</a>
YUV	<a href="#">206.8660, -70.9259, -24.4385</a>
Hunter-Lab	<a href="#">88.1442, -46.1868, 50.3422</a>

# Details

The Hex color **B3F93F** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **853FF9**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFF7B**, and **78C000** is the 20% darker color. If you saturate the color by 10%, you get **AAF926**, and if you desaturate by 10%, it is **BCF958**.

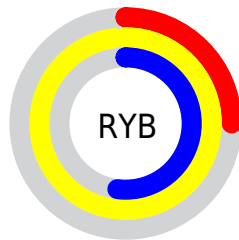
# Distribution



Red (70%)

Green (98%)

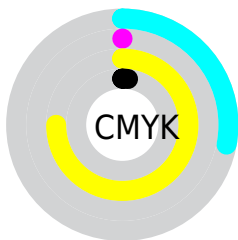
Blue (25%)



Red (25%)

Yellow (98%)

Blue (52%)

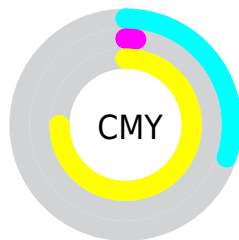


Cyan (28%)

Magenta (0%)

Yellow (75%)

Black (2%)



Cyan (30%)

Magenta (2%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3F93F 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 B3F93F by changing the saturation by 10% instead.



 B3F93F

FFFFFF

 EFFF7B

 FFFF98

 FFFFB5

 FFFFDD

 FFFFF0

 B3F93F

 96DC18

 78C000

 5BA500

 3C8A00

 187000

 005700

 003F00

 002A00

 000400

 B3F93F

 B3F93F

 AAF926

 BCF958

 A0F90D

 C6F971

 9BF900

 CFF98A

 D8F9A3

 E2F9BC

 EBF9D4

 F5F9ED

 FEF9FF

 FFF9FF

# Harmonies

## Analogous

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



FFE206



B3F93F



00FF8E

# Triad

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



B3F93F



00FFFF



FF8EE3

# Complementary

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



B3F93F



853FF9

# 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.



FFA4FF



B3F93F



00EDFF

# Square

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



B3F93F



00FFFF



E9CBFF



FF9D8F

# Rectangle

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



B3F93F



00FFC9



E9CBFF



FF91FF



# Sweetspot

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



B3F93F



EAFFC7



F9833F



73805E



000000



808080



# Same Dimension

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



B3F93F



A9FF19



58F93F



787D70



76BD00



263D00



# Inverse Universe

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



853FF9



7019FF



E03FF9



75707D



4700BD

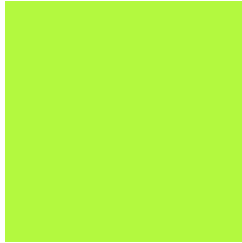


17003D



# Previews

## White Background



This preview shows how the Hex color B3F93F looks on a white background.

## Color Contrast Check

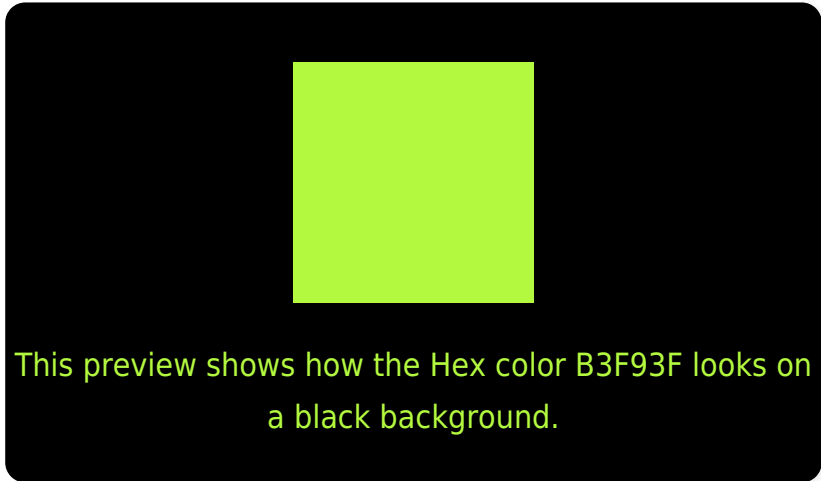
Large Text (above 18pt) WCAG AA × Fail

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 B3F93F Background



This preview shows how black text looks on a background with the Hex color B3F93F.



This preview shows how white text looks on a background with the Hex color B3F93F.

# 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**  
B3F93F

**Protanopia**  
FFE43D

**Deuteranopia**  
FFDEB2



**Tritanopia**  
C9E8FB

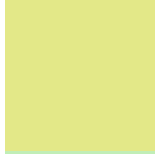
# Trichromacy



**Original Color**  
B3F93F



**Protanomaly**  
E3EC3E



**Deuteranomaly**  
E3E888

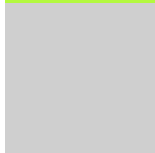


**Tritanomaly**  
C1EEB7

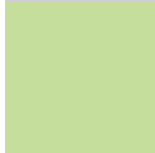
# Monochromacy



**Original Color**  
B3F93F



**Achromatopsia**  
CFCFCF



**Achromatomaly**  
C5DE9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3F93F 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 #B3F93F looks like.

```
.text, #text, p{  
    color:#B3F93F  
}
```

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 #B3F93F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3F93F
}
```

## Border

The CSS property to change the border of an element to Hex B3F93F 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
#B3F93F }
```

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

```
.border{ border-color:#B3F93F }
```

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

Here you see how a box with a 4 pixel #B3F93F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3F93F; -webkit-box-shadow:4px 4px  
4px 4px #B3F93F; box-shadow:4px 4px 4px  
4px #B3F93F }
```

# Background

The CSS property to change the background color of an element to Hex B3F93F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3F93F }
```

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

```
.background{ background-color:#B3F93F }
```

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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