

Converting Colors

Hex(B3FC64)

Have a look what the booklet for
Hex(B3FC64) contains.

Hex(B3FC64)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B3FC64)

Conversions

Conversions Part 1

Format	Color
Hex	B3FC64
RGB	179, 252, 100
RGB Percent	70%, 99%, 39%
CMY	0.2980, 0.0118, 0.6078
CMYK	0.29, 0.00, 0.60, 0.01
HSL	89°, 96%, 69%
HSV	89°, 60%, 99%
XYZ	55.7011, 80.1246, 24.5864
YIQ	212.8450, 5.2840, -62.7480

Conversions

Conversions Part 2

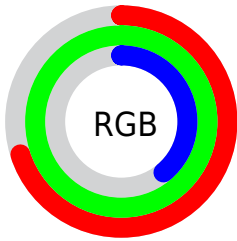
Format	Color
RYB	100, 252, 173
Decimal	11795556
CIELab	91.74, -45.98, 63.97
CIELCh	92, 78.781, 125.708
Yxy	80.1246, 0.3472, 0.4995
Android (android.graphics.Color)	4289985636 (0xFFB3FC64)
YUV	212.8450, -55.6326, -29.6821
Hunter-Lab	89.5124, -45.5710, 46.3734

Details

The Hex color **B3FC64** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **AD64FC**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **EEFF9C**, and **7AC32A** is the 20% darker color. If you saturate the color by 10%, you get **A7FC4B**, and if you desaturate by 10%, it is **BFFC7D**.

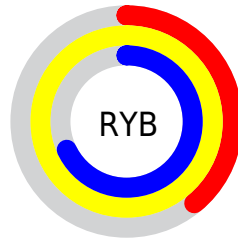
Distribution



Red (70%)

Green (99%)

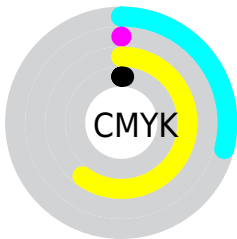
Blue (39%)



Red (39%)

Yellow (99%)

Blue (68%)

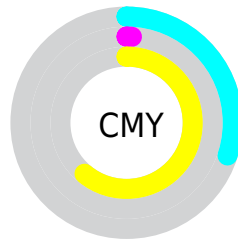


Cyan (29%)

Magenta (0%)

Yellow (60%)

Black (1%)



Cyan (30%)

Magenta (1%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3FC64 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 B3FC64 by changing the saturation by 10% instead.

 B3FC64

FFFFFF

 EEFF9C

 FFFF88

 FFFF55

 FFFF22

 B3FC64

 96DF48

 7AC32A


 5DA700

 408D00

 1F7300

 005900

 004100

 002B00

 000C00

 B3FC64

 B3FC64

 A7FC4B

 BFFC7D

 9BFC32

 CBFC96

 8FFC18

 D7FCB0

 83FC00

 E3FCC9

 F0FCE2

 FCFCFB

 FFFCFF

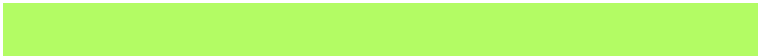
Harmonies

Analogous

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



FFE842



B3FC64



20FFA6

Triad

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



B3FC64



00FFFF



FFA1DC

Complementary

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



B3FC64



AD64FC

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.



FFAEFF



B3FC64



5EEBFF

Square

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



B3FC64



00FFFF



FECDFE



FFB093

Rectangle

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



B3FC64



00FFDA



FECDFD



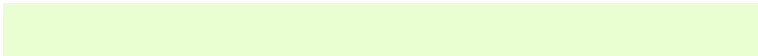
FFA2F5

Sweetspot

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



B3FC64



E9FFD1



FCAB64



728063



000000



808080

Same Dimension

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



B3FC64



A7FF47



69FC64



777D70



62BD00



203D00

Inverse Universe

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



AD64FC



A047FF



F764FC



76707D



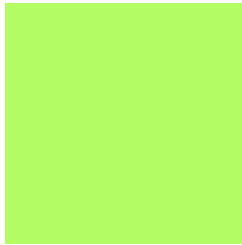
5B00BD



1D003D

Previews

White Background



This preview shows how the Hex color B3FC64 looks on a white background.

Color Contrast Check

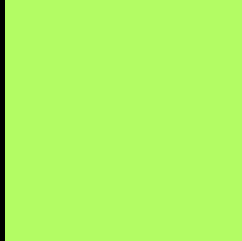
Large Text (above 18pt) WCAG AA × Fail

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 B3FC64 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 B3FC64 Background



This preview shows how black text looks on a background with the Hex color B3FC64.

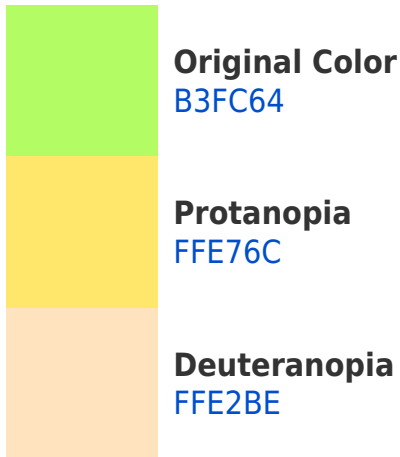


This preview shows how white text looks on a background with the Hex color B3FC64.

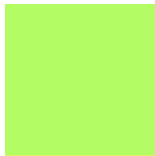
Color Blindness Simulation

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](#).

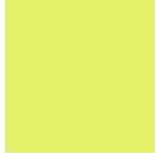
Dichromacy



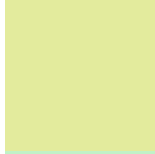
Trichromacy



Original Color
B3FC64



Protanomaly
E3EF69



Deuteranomaly
E3EB9D

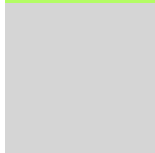


Tritanomaly
C1F2C7

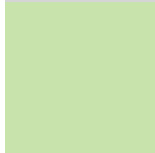
Monochromacy



Original Color
B3FC64



Achromatopsia
D5D5D5



Achromatomaly
C9E3AC

CSS Examples

Text

The CSS property to change the color of the text to Hex B3FC64 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 #B3FC64 looks like.

```
.text, #text, p{  
    color:#B3FC64  
}
```

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 #B3FC64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3FC64
}
```

Border

The CSS property to change the border of an element to Hex B3FC64 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
#B3FC64 }
```

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

```
.border{ border-color:#B3FC64 }
```

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

Here you see how a box with a 4 pixel #B3FC64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3FC64; -webkit-box-shadow:4px 4px  
4px 4px #B3FC64; box-shadow:4px 4px 4px  
4px #B3FC64 }
```

Background

The CSS property to change the background color of an element to Hex B3FC64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3FC64 }
```

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

```
.background{ background-color:#B3FC64 }
```

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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