

# Converting Colors

Hex(B2FE75)

Have a look what the booklet for  
Hex(B2FE75) contains.

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**Color**

**Hex(B2FE75)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2FE75
RGB	178, 254, 117
RGB Percent	70%, 100%, 46%
CMY	0.3020, 0.0039, 0.5412
CMYK	0.30, 0.00, 0.54, 0.00
HSL	93°, 99%, 73%
HSV	93°, 54%, 100%
XYZ	57.0128, 81.6330, 29.5815
YIQ	215.6580, -1.3190, -58.7190

# Conversions

## Conversions Part 2

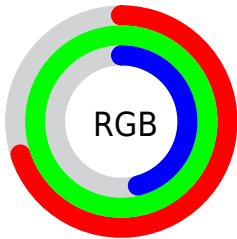
Format	Color
<a href="#">RYB</a>	<a href="#">117, 254, 193</a>
Decimal	<a href="#">11730549</a>
CIELab	<a href="#">92.41, -45.62, 57.38</a>
CIELCh	<a href="#">92, 73.307, 128.483</a>
Yxy	<a href="#">81.6330, 0.3389, 0.4853</a>
Android (android.graphics.Color)	<a href="#">4289920629</a> ( <a href="#">0xFFB2FE75</a> )
YUV	<a href="#">215.6580, -48.6384, -33.0261</a>
Hunter-Lab	<a href="#">90.3510, -45.4780, 43.8338</a>

# Details

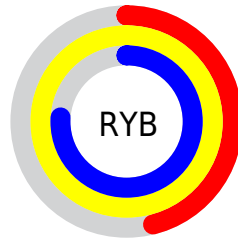
The Hex color **B2FE75** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **C175FE**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **EDFFAC**, and **79C53F** is the 20% darker color. If you saturate the color by 10%, you get **A4FE5C**, and if you desaturate by 10%, it is **C0FE8E**.

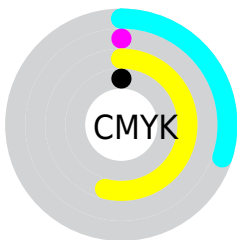
# Distribution



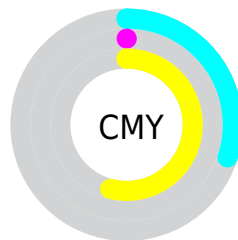
- Red (70%)
- Green (100%)
- Blue (46%)



- Red (46%)
- Yellow (100%)
- Blue (76%)



- Cyan (30%)
- Magenta (0%)
- Yellow (54%)
- Black (0%)



- Cyan (30%)
- Magenta (0%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2FE75 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 B2FE75 by changing the saturation by 10% instead.



 B2FE75

FFFFFF

 EDFFAC

 FFFFC9

 FFFF E5

 B2FE75

 95E15A

 79C53F

 5DA921

 408E00

 207400

 005B00

 004300

 002C00

 001000

 B2FE75

 B2FE75

 A4FE5C

 C0FE8E

 96FE42

 CEFEA8

 88FE29

 DCFEC1

 7AFE0F

 EAFEDB

 71FE00

 F8FEF4

FFFEFF

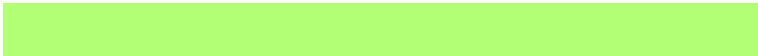
# Harmonies

## Analogous

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



FEEC54



B2FE75



33FFB3

# Triad

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



B2FE75



00FFFF



FFAAD8

# Complementary

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



B2FE75



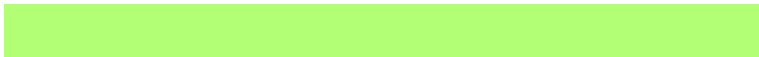
C175FE

# 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.



FFB4FF



B2FE75



8AEAFF

# Square

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



B2FE75



00FFFF



FFCEFF



FFB995

# Rectangle

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



B2FE75



00FFE3



FFCEFF



FFABF0

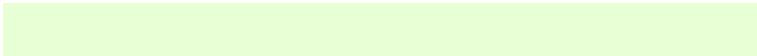


# Sweetspot

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



B2FE75



E8FFD6



FEC075



728067



000000



808080



# Same Dimension

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



B2FE75



A3FF59



75FE7C



788073



55BF00



1C4000



# Inverse Universe

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



C175FE



B559FF



FE75F7



7A7380



6A00BF

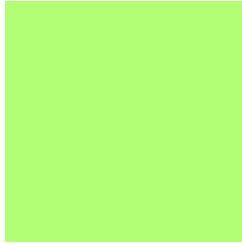


230040



# Previews

## White Background



This preview shows how the Hex color B2FE75 looks on a white background.

## Color Contrast Check

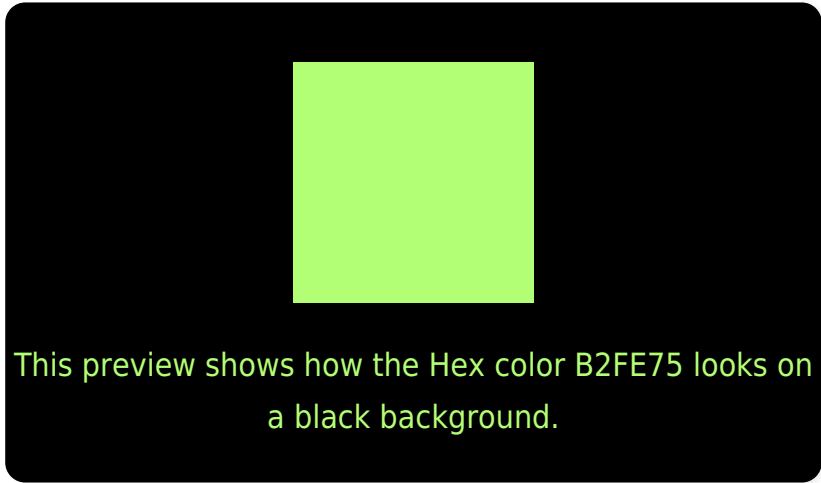
Large Text (above 18pt) WCAG AA × Fail

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

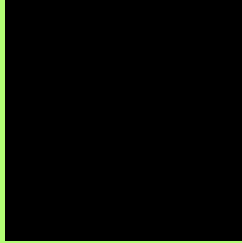
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B2FE75 Background



This preview shows how black text looks on a background with the Hex color B2FE75.

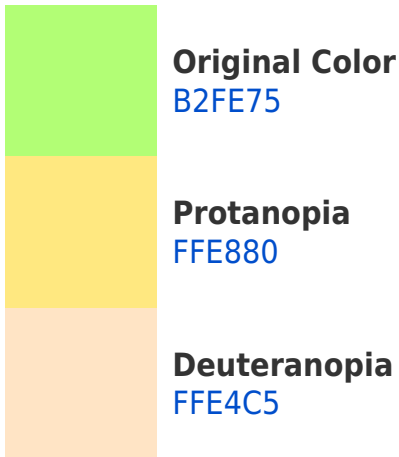


This preview shows how white text looks on a background with the Hex color B2FE75.

# 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

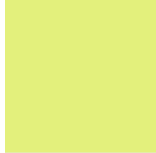




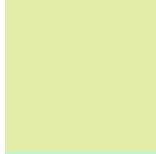
# Trichromacy



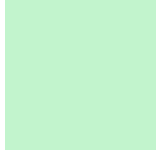
**Original Color**  
B2FE75



**Protanomaly**  
E3F07C



**Deuteranomaly**  
E3EDA8

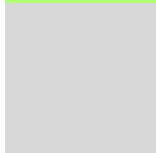


**Tritanomaly**  
C2F4CD

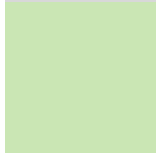
# Monochromacy



**Original Color**  
B2FE75



**Achromatopsia**  
D8D8D8



**Achromatomaly**  
CAE6B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2FE75 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 #B2FE75 looks like.

```
.text, #text, p{  
    color:#B2FE75  
}
```

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 #B2FE75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2FE75
}
```

## Border

The CSS property to change the border of an element to Hex B2FE75 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
#B2FE75 }
```

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

```
.border{ border-color:#B2FE75 }
```

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

Here you see how a box with a 4 pixel #B2FE75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2FE75; -webkit-box-shadow:4px 4px  
4px 4px #B2FE75; box-shadow:4px 4px 4px  
4px #B2FE75 }
```

# Background

The CSS property to change the background color of an element to Hex B2FE75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2FE75 }
```

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

```
.background{ background-color:#B2FE75 }
```

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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