

# Converting Colors

Hex(B1F44C)

Have a look what the booklet for  
Hex(B1F44C) contains.

<b>Hex(B1F44C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(B1F44C)

# Conversions

## Conversions Part 1

Format	Color
Hex	B1F44C
RGB	177, 244, 76
RGB Percent	69%, 96%, 30%
CMY	0.3059, 0.0431, 0.7020
CMYK	0.27, 0.00, 0.69, 0.04
HSL	84°, 88%, 63%
HSV	84°, 69%, 96%
XYZ	51.7867, 74.5703, 18.5015
YIQ	204.8150, 13.9960, -66.4520

# Conversions

## Conversions Part 2

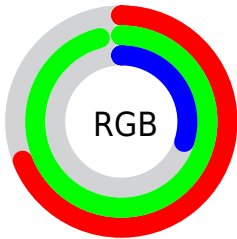
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 244, 143
Decimal	11662412
CIELab	89.19, -45.03, 70.59
CIELCh	89, 83.729, 122.536
Yxy	74.5703, 0.3575, 0.5148
Android (android.graphics.Color)	4289852492 (0xFFB1F44C)
YUV	204.8150, -63.5058, -24.3938
Hunter-Lab	86.3541, -44.0730, 47.7449

# Details

The Hex color **B1F44C** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed chartreuse. A complement of this color would be **8F4CF4**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **ECFF85**, and **77BB00** is the 20% darker color. If you saturate the color by 10%, you get **A7F434**, and if you desaturate by 10%, it is **BBF464**.

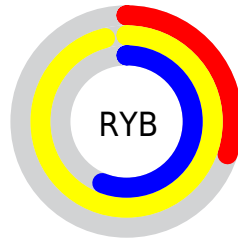
# Distribution



Red (69%)

Green (96%)

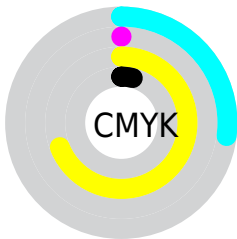
Blue (30%)



Red (30%)

Yellow (96%)

Blue (56%)

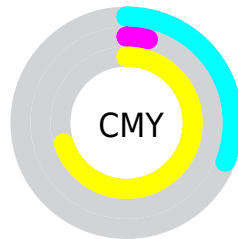


Cyan (27%)

Magenta (0%)

Yellow (69%)

Black (4%)



Cyan (31%)

Magenta (4%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1F44C 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 B1F44C by changing the saturation by 10% instead.



 B1F44C

FFFFFF

 ECFF85

 FFFFA2

 FFFFBF

 FFFFDC

 FFFFF9

 B1F44C

 94D72C

 77BB00

 5AA000

 3D8600

 1B6C00

 005300

 003B00

 002600

 000000

 B1F44C

 B1F44C

 A7F434

 BBF464

 9EF41B

 C4F47D

 94F403

 CEF495

 93F400

 D8F4AE

 E2F4C6

 EBF4DE

 F5F4F7

 FFF4FF

# Harmonies

## Analogous

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



FFDE27



B1F44C



00FF92

# Triad

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



B1F44C



00FBFF



FF92DD

# Complementary

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



B1F44C



8F4CF4

# 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.



FFA5FF



B1F44C



00E7FF

# Square

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



B1F44C



00FFFF



EAC8FF



FFA08F

# Rectangle

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



B1F44C



00FFC9



EAC8FF



FF95F8

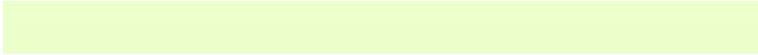


# Sweetspot

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



B1F44C



EAFFC9



F48C4C



738060



000000



808080



# Same Dimension

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



B1F44C



ABFF2B



60F44C



767A6E



70BA00



233B00



# Inverse Universe

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



8F4CF4



802BFF



E04CF4



736E7A



4A00BA

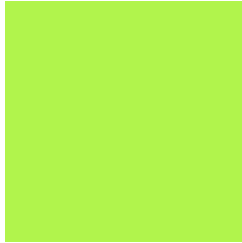


17003B



# Previews

## White Background



This preview shows how the Hex color B1F44C looks on a white background.

## Color Contrast Check

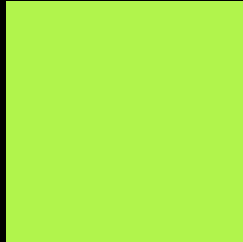
Large Text (above 18pt) WCAG AA × Fail

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 B1F44C 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

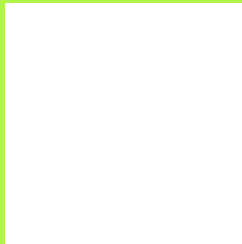
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B1F44C Background



This preview shows how black text looks on a background with the Hex color B1F44C.

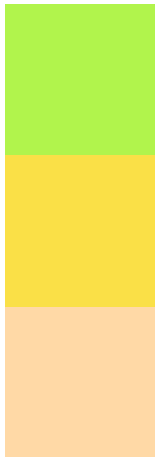


This preview shows how white text looks on a background with the Hex color B1F44C.

# 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](#).

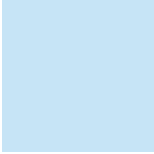
## Dichromacy



**Original Color**  
B1F44C

**Protanopia**  
FAE047

**Deuteranopia**  
FFD9A6



**Tritanopia**  
C6E4F6

# Trichromacy



**Original Color**  
B1F44C



**Protanomaly**  
DFE749



**Deuteranomaly**  
E3E385

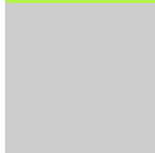


**Tritanomaly**  
BEEAB8

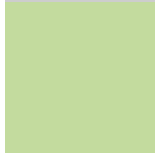
# Monochromacy



**Original Color**  
B1F44C



**Achromatopsia**  
CDCDCD



**Achromatomaly**  
C3DB9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1F44C 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 #B1F44C looks like.

```
.text, #text, p{  
    color:#B1F44C  
}
```

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 #B1F44C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1F44C
}
```

## Border

The CSS property to change the border of an element to Hex B1F44C 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
#B1F44C }
```

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

```
.border{ border-color:#B1F44C }
```

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

Here you see how a box with a 4 pixel #B1F44C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1F44C; -webkit-box-shadow:4px 4px  
4px 4px #B1F44C; box-shadow:4px 4px 4px  
4px #B1F44C }
```

# Background

The CSS property to change the background color of an element to Hex B1F44C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1F44C }
```

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

```
.background{ background-color:#B1F44C }
```

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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