

Converting Colors

Hex(B1F44A)

Have a look what the booklet for
Hex(B1F44A) contains.

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Color

Hex(B1F44A)

Conversions

Conversions Part 1

Format	Color
Hex	B1F44A
RGB	177, 244, 74
RGB Percent	69%, 96%, 29%
CMY	0.3059, 0.0431, 0.7098
CMYK	0.27, 0.00, 0.70, 0.04
HSL	84°, 89%, 62%
HSV	84°, 70%, 96%
XYZ	51.7182, 74.5429, 18.1409
YIQ	204.5870, 14.6380, -67.0740

Conversions

Conversions Part 2

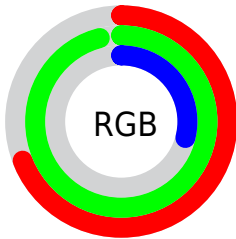
Format	Color
RYB	74, 244, 141
Decimal	11662410
CIELab	89.18, -45.16, 71.29
CIELCh	89, 84.389, 122.351
Yxy	74.5429, 0.3582, 0.5162
Android (android.graphics.Color)	4289852490 (0xFFB1F44A)
YUV	204.5870, -64.3794, -24.1938
Hunter-Lab	86.3382, -44.1671, 47.9790

Details

The Hex color **B1F44A** 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 **8D4AF4**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **ECFF84**, and **77BB00** is the 20% darker color. If you saturate the color by 10%, you get **A7F432**, and if you desaturate by 10%, it is **BBF462**.

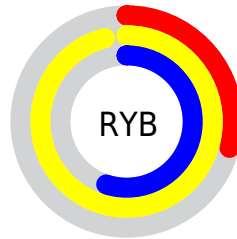
Distribution



Red (69%)

Green (96%)

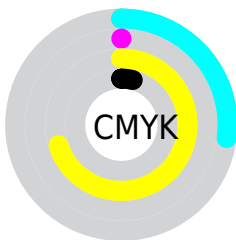
Blue (29%)



Red (29%)

Yellow (96%)

Blue (55%)

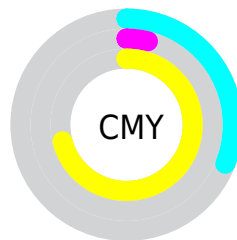


Cyan (27%)

Magenta (0%)

Yellow (70%)

Black (4%)



Cyan (31%)

Magenta (4%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1F44A 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 B1F44A by changing the saturation by 10% instead.

 B1F44A

 B1F44A

FFFFFF

 94D72A

 ECFF84

 77BB00

 FFFFA0

 5AA000

 FFFFBD

 3C8600

 FFFFDA

 1B6C00

 FFFFF8

 005300

 003B00

 002600

 000000

 B1F44A

 B1F44A

 A7F432

 BBF462

 9EF419

 C4F47B

 94F401

 CEF493

 94F400

 D7F4AC

 E1F4C4

 EBF4DC

 F4F4F5

 FEF4FF

 FFF4FF

Harmonies

Analogous

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



FFDE24



B1F44A



00FF91

Triad

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



B1F44A



00FCFF



FF91DD

Complementary

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



B1F44A



8D4AF4

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



B1F44A



00E7FF

Square

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



B1F44A



00FFFF



E9C8FF



FF9F8E

Rectangle

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



B1F44A



00FFC8



E9C8FF



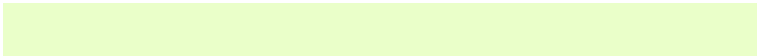
FF94F8

Sweetspot

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



B1F44A



EAFFC9



F48B4A



738060



000000



808080

Same Dimension

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



B1F44A



ABFF29



5EF44A



767A6E



71BA00



243B00

Inverse Universe

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



8D4AF4



7D29FF



E04AF4



736E7A



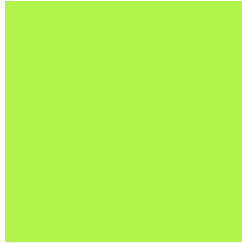
4900BA



17003B

Previews

White Background



This preview shows how the Hex color B1F44A looks on a white background.

Color Contrast Check

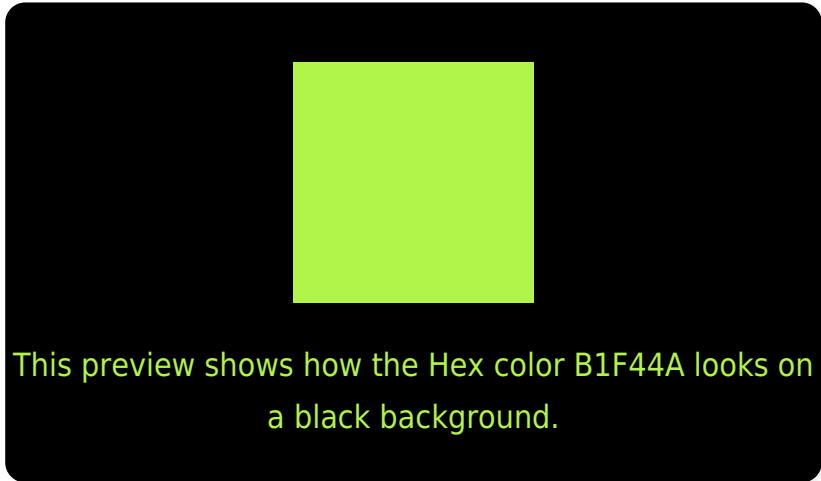
Large Text (above 18pt) WCAG AA × Fail

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 B1F44A Background



This preview shows how black text looks on a background with the Hex color B1F44A.

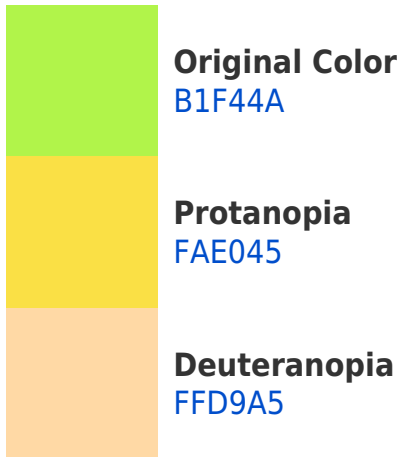


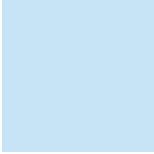
This preview shows how white text looks on a background with the Hex color B1F44A.

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
C6E4F6

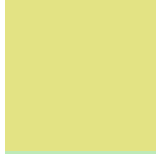
Trichromacy



Original Color
B1F44A



Protanomaly
DFE747



Deuteranomaly
E3E384

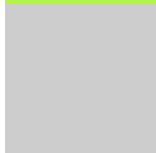


Tritanomaly
BEEAB7

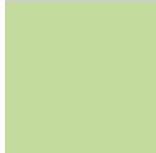
Monochromacy



Original Color
B1F44A



Achromatopsia
CDCDCD



Achromatomaly
C3DB9D

CSS Examples

Text

The CSS property to change the color of the text to Hex B1F44A 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 #B1F44A looks like.

```
.text, #text, p{  
    color:#B1F44A  
}
```

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 #B1F44A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1F44A
}
```

Border

The CSS property to change the border of an element to Hex B1F44A 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
#B1F44A }
```

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

```
.border{ border-color:#B1F44A }
```

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

Here you see how a box with a 4 pixel #B1F44A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1F44A; -webkit-box-shadow:4px 4px  
4px 4px #B1F44A; box-shadow:4px 4px 4px  
4px #B1F44A }
```

Background

The CSS property to change the background color of an element to Hex B1F44A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1F44A }
```

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

```
.background{ background-color:#B1F44A }
```

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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