

Converting Colors

Hex(B4F23C)

Have a look what the booklet for
Hex(B4F23C) contains.

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Color

Hex(B4F23C)

Conversions

Conversions Part 1

Format	Color
Hex	B4F23C
RGB	180, 242, 60
RGB Percent	71%, 95%, 24%
CMY	0.2941, 0.0510, 0.7647
CMYK	0.26, 0.00, 0.75, 0.05
HSL	80°, 87%, 59%
HSV	80°, 75%, 95%
XYZ	51.3901, 73.5338, 15.7599
YIQ	202.7140, 21.4700, -69.7460

Conversions

Conversions Part 2

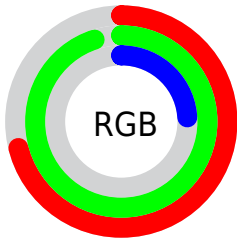
Format	Color
RYB	60, 242, 122
Decimal	11858492
CIELab	88.70, -43.97, 75.51
CIELCh	89, 87.378, 120.210
Yxy	73.5338, 0.3653, 0.5227
Android (android.graphics.Color)	4290048572 (0xFFB4F23C)
YUV	202.7140, -70.3580, -19.9202
Hunter-Lab	85.7519, -43.0927, 49.1297

Details

The Hex color **B4F23C** 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 **7A3CF2**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **F0FF78**, and **7ABA00** is the 20% darker color. If you saturate the color by 10%, you get **ACF224**, and if you desaturate by 10%, it is **BCF254**.

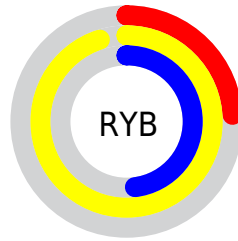
Distribution



Red (71%)

Green (95%)

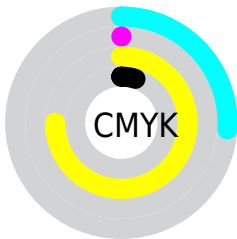
Blue (24%)



Red (24%)

Yellow (95%)

Blue (48%)

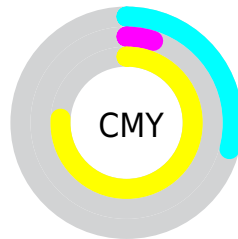


Cyan (26%)

Magenta (0%)

Yellow (75%)

Black (5%)



Cyan (29%)

Magenta (5%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4F23C 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 B4F23C by changing the saturation by 10% instead.

 B4F23C

 B4F23C

FFFFFF

 97D513

 F0FF78

 7ABA00

 FFFF95

 5D9E00

 FFFFFB2

 3F8400

 FFFFFCF

 1E6A00

 FFFFFED

 005100

 003900

 002500

 000000

 B4F23C

 B4F23C

 ACF224

 BCF254

 A4F20C

 C4F26C

 A0F200

 CDF285

 D5F29D

 DDF2B5

 E5F2CD

 EEF2E5

 F6F2FE

 FEF2FF

Harmonies

Analogous

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



FFDB10



B4F23C



00FF87

Triad

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



B4F23C



00FCFF



FF8CE2

Complementary

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



B4F23C



7A3CF2

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.



FFA2FF



B4F23C



00E8FF

Square

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



B4F23C



00FFFF



DDC8FF



FF9990

Rectangle

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



B4F23C



00FFC0



DDC8FF



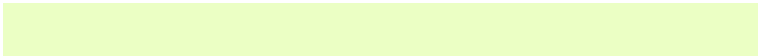
FF90FE

Sweetspot

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



B4F23C



EBFFC4



F2793C



73805C



000000



808080

Same Dimension

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



B4F23C



B1FF19



5AF23C



74786C



79B800



253800

Inverse Universe

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



7A3CF2



6819FF



D43CF2



706C78



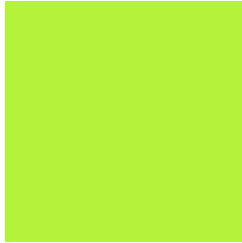
3F00B8



130038

Previews

White Background



This preview shows how the Hex color B4F23C looks on a white background.

Color Contrast Check

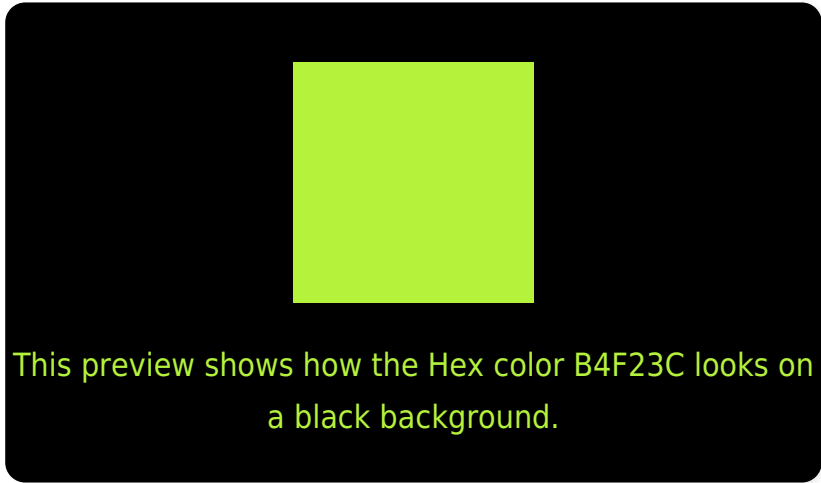
Large Text (above 18pt) WCAG AA × Fail

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 B4F23C Background



This preview shows how black text looks on a background with the Hex color B4F23C.

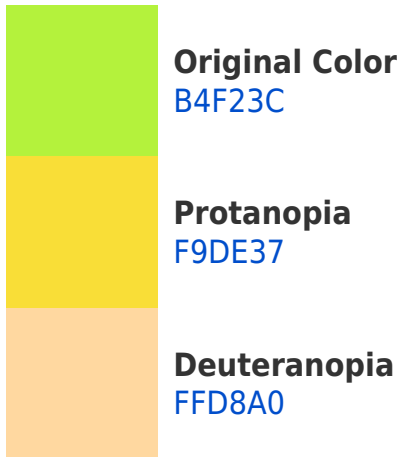


This preview shows how white text looks on a background with the Hex color B4F23C.

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



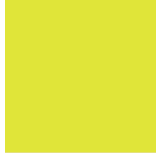


Tritanopia
C9E2F4

Trichromacy



Original Color
B4F23C



Protanomaly
E0E539



Deuteranomaly
E4E17C

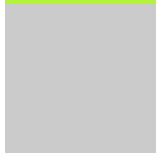


Tritanomaly
C1E8B1

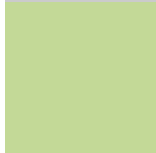
Monochromacy



Original Color
B4F23C



Achromatopsia
CBCBCB



Achromatomaly
C3D997

CSS Examples

Text

The CSS property to change the color of the text to Hex B4F23C 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 #B4F23C looks like.

```
.text, #text, p{  
    color:#B4F23C  
}
```

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 #B4F23C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4F23C
}
```

Border

The CSS property to change the border of an element to Hex B4F23C 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
#B4F23C }
```

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

```
.border{ border-color:#B4F23C }
```

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

Here you see how a box with a 4 pixel #B4F23C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4F23C; -webkit-box-shadow:4px 4px  
4px 4px #B4F23C; box-shadow:4px 4px 4px  
4px #B4F23C }
```

Background

The CSS property to change the background color of an element to Hex B4F23C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4F23C }
```

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

```
.background{ background-color:#B4F23C }
```

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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