

Converting Colors

Hex(B4F14C)

Have a look what the booklet for
Hex(B4F14C) contains.

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Color

Hex(B4F14C)

Conversions

Conversions Part 1

Format	Color
Hex	B4F14C
RGB	180, 241, 76
RGB Percent	71%, 95%, 30%
CMY	0.2941, 0.0549, 0.7020
CMYK	0.25, 0.00, 0.68, 0.05
HSL	82°, 85%, 62%
HSV	82°, 68%, 95%
XYZ	51.5822, 73.1357, 18.2354
YIQ	203.9510, 16.6090, -64.2470

Conversions

Conversions Part 2

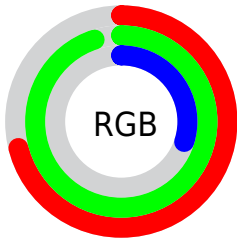
Format	Color
RYB	76, 241, 137
Decimal	11858252
CIELab	88.51, -42.64, 69.95
CIELCh	89, 81.925, 121.367
Yxy	73.1357, 0.3608, 0.5116
Android (android.graphics.Color)	4290048332 (0xFFB4F14C)
YUV	203.9510, -63.0798, -21.0050
Hunter-Lab	85.5194, -41.9943, 47.2211

Details

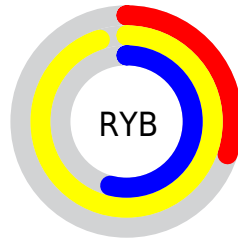
The Hex color **B4F14C** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed chartreuse. A complement of this color would be **894CF1**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFF85**, and **7AB900** is the 20% darker color. If you saturate the color by 10%, you get **ABF134**, and if you desaturate by 10%, it is **BDF164**.

Distribution



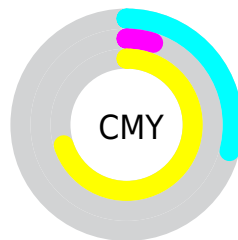
- Red (71%)
- Green (95%)
- Blue (30%)



- Red (30%)
- Yellow (95%)
- Blue (54%)



- Cyan (25%)
- Magenta (0%)
- Yellow (68%)
- Black (5%)



- Cyan (29%)
- Magenta (5%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4F14C 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 B4F14C by changing the saturation by 10% instead.

 B4F14C

 B4F14C

FFFFFF

 97D42D

 EFFF85

 7AB900

 FFFFA1

 5E9D00

 FFFFBE

 418300

 FFFFDB

 226900

 FFFFF9

 005100

 003900

 002400

 000000

 B4F14C


 B4F14C

 ABF134

 BDF164

 A2F11C

 C6F17C

 99F104

 CFF194

 98F100

 D8F1AC

 E1F1C5

 E9F1DD

 F2F1F5

 FBF1FF

 FFF1FF

Harmonies

Analogous

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



FFDC2C



B4F14C



2AFE8F

Triad

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



B4F14C



00F9FF



FF93DE

Complementary

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



B4F14C



894CF1

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.



FFA6FF



B4F14C



00E6FF

Square

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



B4F14C



00FFFF



E3C8FF



FF9F91

Rectangle

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



B4F14C



00FFC4



E3C8FF



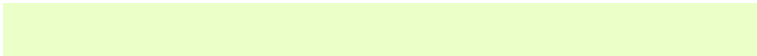
FF96F8

Sweetspot

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



B4F14C



EBFFC9



F1894C



748060



000000



808080

Same Dimension

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



B4F14C



B2FF2E



62F14C



73786C



74B800



233800

Inverse Universe

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



894CF1



7B2EFF



DB4CF1



706C78



4400B8



150038

Previews

White Background



This preview shows how the Hex color B4F14C 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 B4F14C 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 B4F14C Background



This preview shows how black text looks on a background with the Hex color B4F14C.

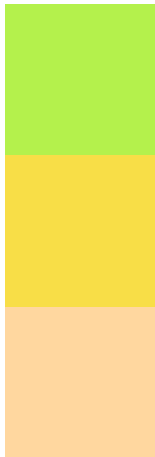


This preview shows how white text looks on a background with the Hex color B4F14C.

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
B4F14C

Protanopia
F8DE47

Deuteranopia
FFD79F

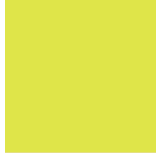


Tritanopia
C8E1F3

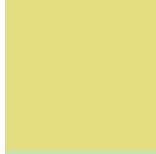
Trichromacy



Original Color
B4F14C



Protanomaly
DFE549



Deuteranomaly
E4E081

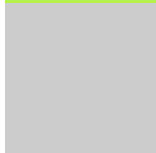


Tritanomaly
C1E7B6

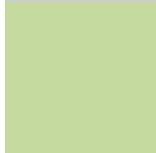
Monochromacy



Original Color
B4F14C



Achromatopsia
CCCCCC



Achromatomaly
C3D99D

CSS Examples

Text

The CSS property to change the color of the text to Hex B4F14C 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 #B4F14C looks like.

```
.text, #text, p{  
    color:#B4F14C  
}
```

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 #B4F14C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4F14C
}
```

Border

The CSS property to change the border of an element to Hex B4F14C 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
#B4F14C }
```

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

```
.border{ border-color:#B4F14C }
```

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

Here you see how a box with a 4 pixel #B4F14C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4F14C; -webkit-box-shadow:4px 4px  
4px 4px #B4F14C; box-shadow:4px 4px 4px  
4px #B4F14C }
```

Background

The CSS property to change the background color of an element to Hex B4F14C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4F14C }
```

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

```
.background{ background-color:#B4F14C }
```

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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