

Converting Colors

Hex(B3CB1F)

Have a look what the booklet for
Hex(B3CB1F) contains.

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Color

Hex(B3CB1F)

Conversions

Conversions Part 1

Format	Color
Hex	B3CB1F
RGB	179, 203, 31
RGB Percent	70%, 80%, 12%
CMY	0.2980, 0.2039, 0.8784
CMYK	0.12, 0.00, 0.85, 0.20
HSL	68°, 74%, 46%
HSV	68°, 85%, 80%
XYZ	40.1937, 52.3945, 9.2910
YIQ	176.2160, 40.9080, -58.5800

Conversions

Conversions Part 2

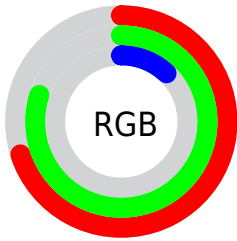
Format	Color
RYB	31, 203, 55
Decimal	11782943
CIELab	77.52, -27.79, 73.18
CIELCh	78, 78.283, 110.792
Yxy	52.3945, 0.3945, 0.5143
Android (android.graphics.Color)	4289973023 (0xFFB3CB1F)
YUV	176.2160, -71.5915, 2.4416
Hunter-Lab	72.3840, -27.5540, 43.0585

Details

The Hex color **B3CB1F** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed chartreuse. A complement of this color would be **371FCB**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **EEFF5F**, and **7A9500** is the 20% darker color. If you saturate the color by 10%, you get **B0CB0B**, and if you desaturate by 10%, it is **B6CB33**.

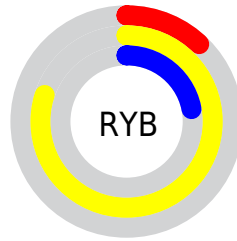
Distribution



Red (70%)

Green (80%)

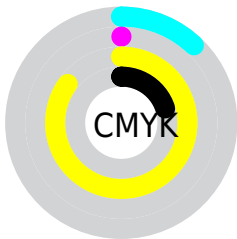
Blue (12%)



Red (12%)

Yellow (80%)

Blue (22%)

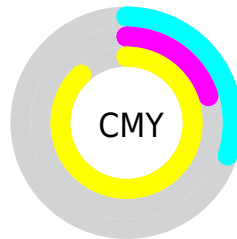


Cyan (12%)

Magenta (0%)

Yellow (85%)

Black (20%)



Cyan (30%)

Magenta (20%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3CB1F 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 B3CB1F by changing the saturation by 10% instead.

 B3CB1F

 B3CB1F

FFFFFF

 96B000

 EEFF5F

 7A9500

 FFFF7C

 5E7B00

 FFFF98

 426200

 FFFFB5

 264A00

 FFFFFD2

 073300

 FFFFF0

 002000

 000000

 B3CB1F

 B3CB1F

 B0CB0B

 B6CB33

 AFCB00

 B9CB48

 BBCB5C

 BECB70

 C1CB84

 C4CB99

 C7CBAD

 CACBC1

 CCCBD6

Harmonies

Analogous

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



F6B417



B3CB1F



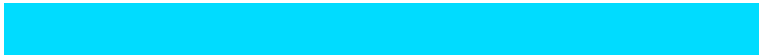
54D95E

Triad

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



B3CB1F



00DCFF



FF7AD9

Complementary

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



B3CB1F



371FCB

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.



FF95FF



B3CB1F



00CEFF

Square

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



B3CB1F



00E1F1



93B6FF



FF7C90

Rectangle

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



B3CB1F



00DE8D



93B6FF



FF81F1

Sweetspot

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



B3CB1F



F6FFBF



CB361F



7A8059



000000



808080

Same Dimension

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



B3CB1F



DBFF00



5ECB1F



65665C



8FA600



212600

Inverse Universe

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



371FCB



2400FF



8C1FCB



5D5C66



1700A6



050026

Previews

White Background



This preview shows how the Hex color B3CB1F looks on a white background.

Color Contrast Check

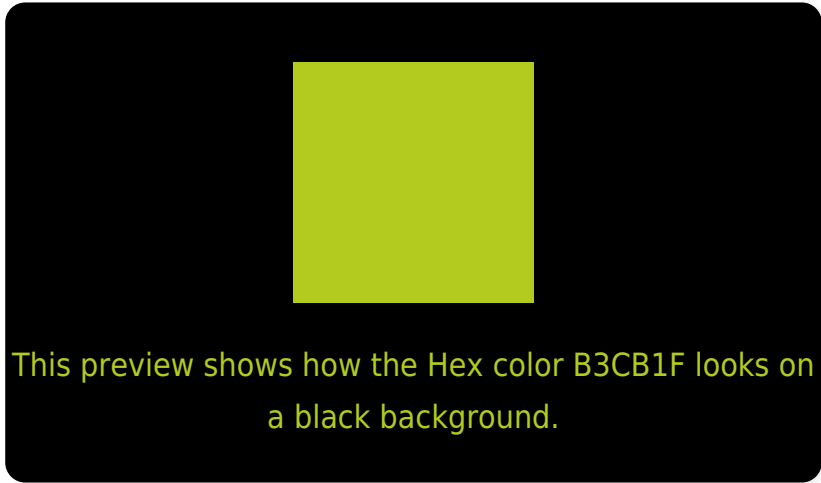
Large Text (above 18pt) WCAG AA × Fail

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 B3CB1F Background



This preview shows how black text looks on a background with the Hex color B3CB1F.

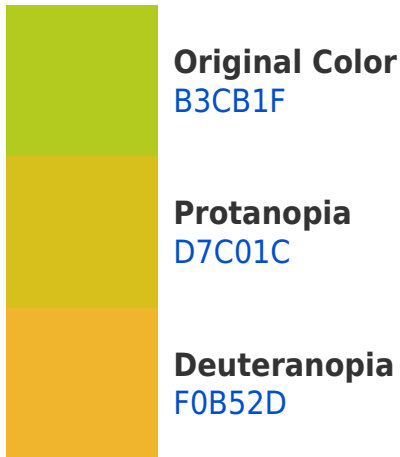


This preview shows how white text looks on a background with the Hex color B3CB1F.

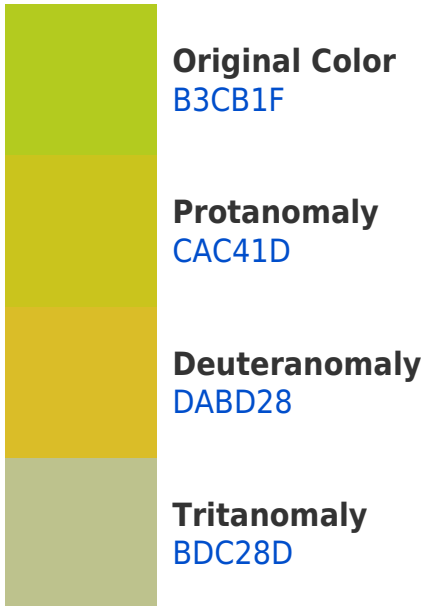
Color Blindness Simulation

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](#).

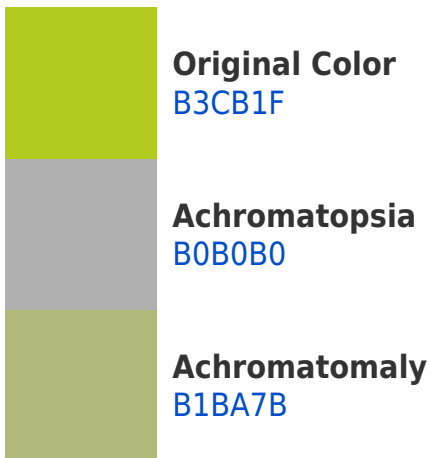
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3CB1F 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 #B3CB1F looks like.

```
.text, #text, p{  
    color:#B3CB1F  
}
```

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 #B3CB1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3CB1F
}
```

Border

The CSS property to change the border of an element to Hex B3CB1F 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
#B3CB1F }
```

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

```
.border{ border-color:#B3CB1F }
```

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

Here you see how a box with a 4 pixel #B3CB1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3CB1F; -webkit-box-shadow:4px 4px  
4px 4px #B3CB1F; box-shadow:4px 4px 4px  
4px #B3CB1F }
```

Background

The CSS property to change the background color of an element to Hex B3CB1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3CB1F }
```

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

```
.background{ background-color:#B3CB1F }
```

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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