

Converting Colors

Hex(B1CB1F)

Have a look what the booklet for
Hex(B1CB1F) contains.

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Color

Hex(B1CB1F)

Conversions

Conversions Part 1

Format	Color
Hex	B1CB1F
RGB	177, 203, 31
RGB Percent	69%, 80%, 12%
CMY	0.3059, 0.2039, 0.8784
CMYK	0.13, 0.00, 0.85, 0.20
HSL	69°, 74%, 46%
HSV	69°, 85%, 80%
XYZ	39.7347, 52.1579, 9.2696
YIQ	175.6180, 39.7160, -59.0040

Conversions

Conversions Part 2

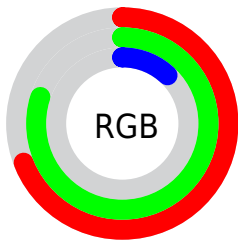
Format	Color
RYB	31, 203, 57
Decimal	11651871
CIELab	77.38, -28.61, 73.01
CIELCh	77, 78.417, 111.402
Yxy	52.1579, 0.3928, 0.5156
Android (android.graphics.Color)	4289841951 (0xFFB1CB1F)
YUV	175.6180, -71.2967, 1.2120
Hunter-Lab	72.2204, -28.1774, 42.9444

Details

The Hex color **B1CB1F** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **391FCB**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **ECFF5F**, and **789500** is the 20% darker color. If you saturate the color by 10%, you get **AECB0B**, and if you desaturate by 10%, it is **B4CB33**.

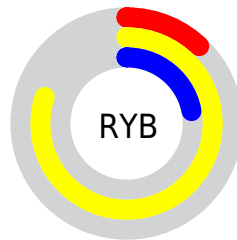
Distribution



Red (69%)

Green (80%)

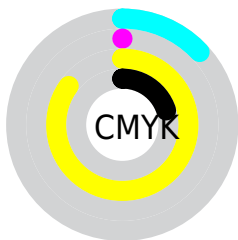
Blue (12%)



Red (12%)

Yellow (80%)

Blue (22%)

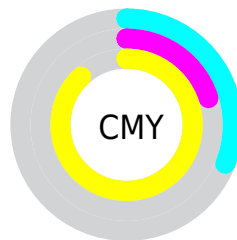


Cyan (13%)

Magenta (0%)

Yellow (85%)

Black (20%)



Cyan (31%)

Magenta (20%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1CB1F 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 B1CB1F by changing the saturation by 10% instead.



B1CB1F



B1CB1F

FFFFFF



94B000



ECFF5F



789500



FFFF7C



5C7B00



FFFF98



406200



FFFFB5



244A00



FFFFD2



043300



FFFFF0



002000



000000



B1CB1F



B1CB1F

 AECB0B

 B4CB33

 ACCB00

 B7CB48

 BACB5C

 BDCB70

 C0CB84

 C3CB99

 C6CBAD

 CACBC1

 CDCBD6

Harmonies

Analogous

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



F5B415



B1CB1F



51D95E

Triad

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



B1CB1F



00DCFF



FF79D7

Complementary

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



B1CB1F



391FCB

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.



FF94FF



B1CB1F



00CEFF

Square

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



B1CB1F



00E1F2



96B5FF



FF7B8F

Rectangle

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



B1CB1F



00DE8E



96B5FF



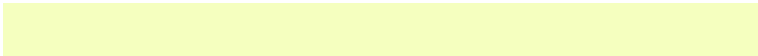
FF80EF

Sweetspot

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



B1CB1F



F5FFBF



CB391F



7A8059



000000



808080

Same Dimension

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



B1CB1F



D8FF00



5BCB1F



64665C



8DA600



202600

Inverse Universe

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



391FCB



2700FF



8F1FCB



5D5C66



1900A6



060026

Previews

White Background



This preview shows how the Hex color B1CB1F looks on a white background.

Color Contrast Check

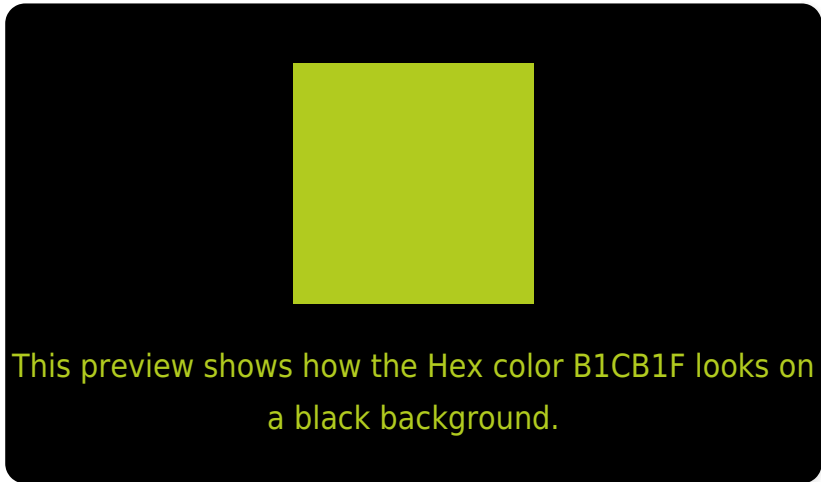
Large Text (above 18pt) WCAG AA × Fail

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

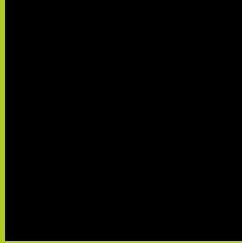
Any Text WCAG AA ✓ Pass

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 B1CB1F Background



This preview shows how black text looks on a background with the Hex color B1CB1F.



This preview shows how white text looks on a background with the Hex color B1CB1F.

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

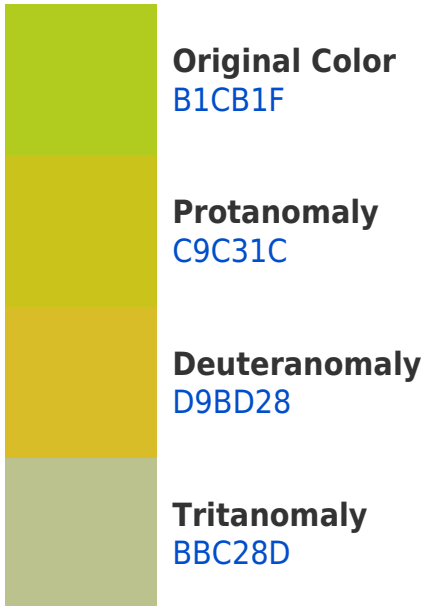


Original Color
B1CB1F

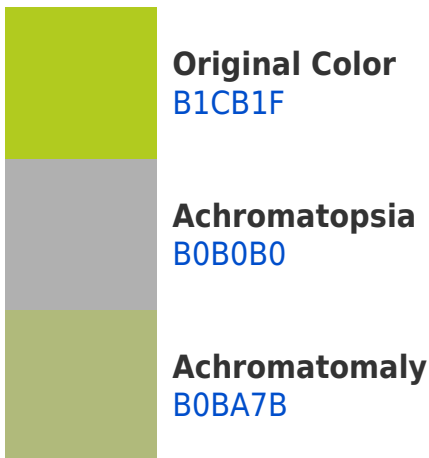
Protanopia
D7BF1B

Deuteranopia
F0B52D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1CB1F 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 #B1CB1F looks like.

```
.text, #text, p{  
    color:#B1CB1F  
}
```

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 #B1CB1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1CB1F
}
```

Border

The CSS property to change the border of an element to Hex B1CB1F 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
#B1CB1F }
```

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

```
.border{ border-color:#B1CB1F }
```

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

Here you see how a box with a 4 pixel #B1CB1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1CB1F; -webkit-box-shadow:4px 4px  
4px 4px #B1CB1F; box-shadow:4px 4px 4px  
4px #B1CB1F }
```

Background

The CSS property to change the background color of an element to Hex B1CB1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1CB1F }
```

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

```
.background{ background-color:#B1CB1F }
```

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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