

Converting Colors

Hex(B1DA3F)

Have a look what the booklet for
Hex(B1DA3F) contains.

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Color

Hex(**B1DA3F**)

Conversions

Conversions Part 1

Format	Color
Hex	B1DA3F
RGB	177, 218, 63
RGB Percent	69%, 85%, 25%
CMY	0.3059, 0.1451, 0.7529
CMYK	0.19, 0.00, 0.71, 0.15
HSL	76°, 68%, 55%
HSV	76°, 71%, 85%
XYZ	44.1001, 59.8488, 13.9303
YIQ	188.0710, 25.3190, -56.8970

Conversions

Conversions Part 2

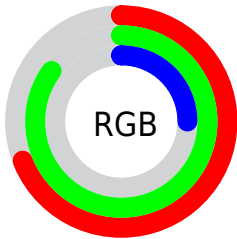
Format	Color
R _Y B	63, 218, 104
Decimal	11655743
CIE Lab	81.76, -34.28, 67.77
CIE LCh	82, 75.944, 116.832
Yxy	59.8488, 0.3741, 0.5077
Android (android.graphics.Color)	4289845823 (0xFFB1DA3F)
YUV	188.0710, -61.6600, -9.7093
Hunter-Lab	77.3620, -33.6299, 43.4773

Details

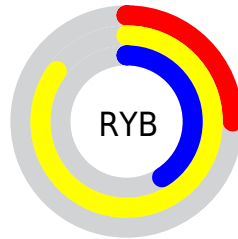
The Hex color **B1DA3F** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **683FDA**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **ECFF78**, and **78A300** is the 20% darker color. If you saturate the color by 10%, you get **ABDA29**, and if you desaturate by 10%, it is **B7DA55**.

Distribution



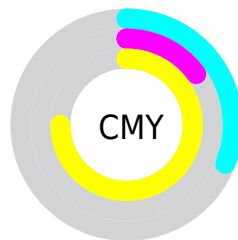
- Red (69%)
- Green (85%)
- Blue (25%)



- Red (25%)
- Yellow (85%)
- Blue (41%)



- Cyan (19%)
- Magenta (0%)
- Yellow (71%)
- Black (15%)



- Cyan (31%)
- Magenta (15%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1DA3F 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 B1DA3F by changing the saturation by 10% instead.

 B1DA3F

 B1DA3F

FFFFFF

 94BE1E

 ECFF78

 78A300

 FFFF94

 5C8900

 FFFFB0

 416F00

 FFFFCD

 235600

 FFFFEA

 003F00

 002900

 000C00

 000000

 B1DA3F

 B1DA3F

 ABDA29

 B7DA55

 A5DA13

 BDDA6B

 A0DA00

 C2DA80

 C8DA96

 CEDAAC

 D4DAC2

 D9DAD8

 DFDAED

 E5DAFF

Harmonies

Analogous

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



F6C52C



B1DA3F



4BE779

Triad

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



B1DA3F



00E6FF



FF88D6

Complementary

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



B1DA3F



683FDA

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.



FF9DFF



B1DA3F



00D6FF

Square

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



B1DA3F



00EDFF



BEBCFF



FF8F8F

Rectangle

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



B1DA3F



00EBA8



BEBCFF



FF8CEE

Sweetspot

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



B1DA3F



F1FFC9



DA663F



778060



000000



808080

Same Dimension

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



B1DA3F



C6FF26



66DA3F



6B6E63



80AD00



222E00

Inverse Universe

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



683FDA



6026FF



B33FDA



66636E



2E00AD



0C002E

Previews

White Background



This preview shows how the Hex color B1DA3F looks on a white background.

Color Contrast Check

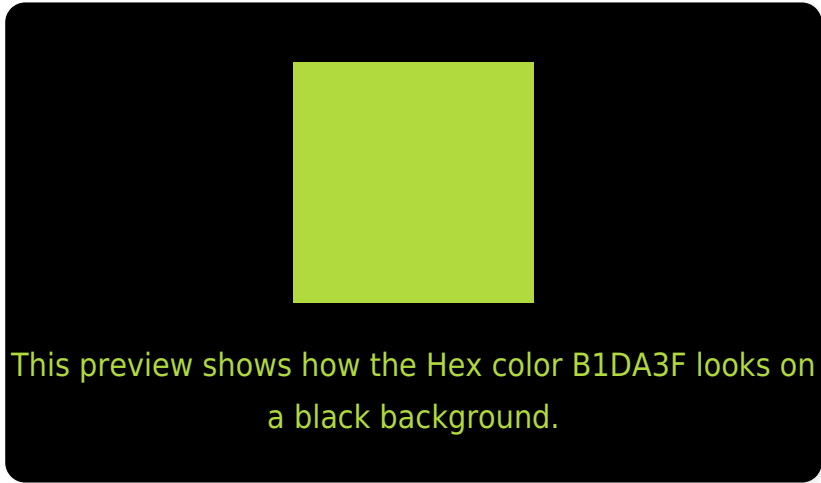
Large Text (above 18pt) WCAG AA × Fail

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 B1DA3F Background



This preview shows how black text looks on a background with the Hex color B1DA3F.

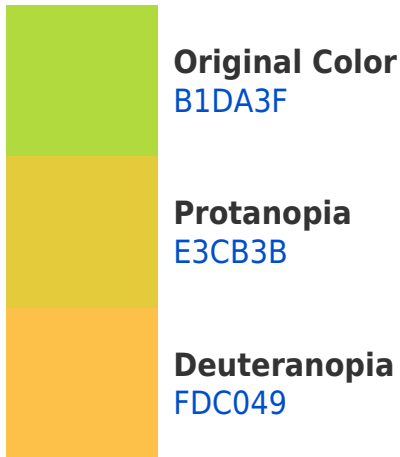


This preview shows how white text looks on a background with the Hex color B1DA3F.

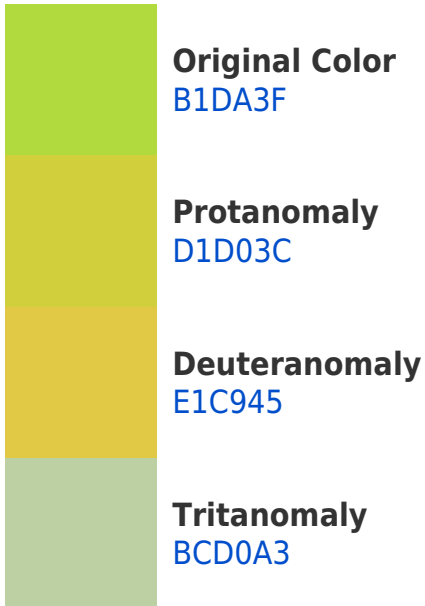
Color Blindness Simulation

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 B1DA3F 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 #B1DA3F looks like.

```
.text, #text, p{  
    color:#B1DA3F  
}
```

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 #B1DA3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1DA3F
}
```

Border

The CSS property to change the border of an element to Hex B1DA3F 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
#B1DA3F }
```

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

```
.border{ border-color:#B1DA3F }
```

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

Here you see how a box with a 4 pixel #B1DA3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1DA3F; -webkit-box-shadow:4px 4px  
4px 4px #B1DA3F; box-shadow:4px 4px 4px  
4px #B1DA3F }
```

Background

The CSS property to change the background color of an element to Hex B1DA3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1DA3F }
```

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

```
.background{ background-color:#B1DA3F }
```

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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