

Converting Colors

Hex(B1DC54)

Have a look what the booklet for
Hex(B1DC54) contains.

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Color

Hex(B1DC54)

Conversions

Conversions Part 1

Format	Color
Hex	B1DC54
RGB	177, 220, 84
RGB Percent	69%, 86%, 33%
CMY	0.3059, 0.1373, 0.6706
CMYK	0.20, 0.00, 0.62, 0.14
HSL	79°, 66%, 60%
HSV	79°, 62%, 86%
XYZ	45.3249, 61.1736, 17.8063
YIQ	191.6390, 18.0280, -51.4120

Conversions

Conversions Part 2

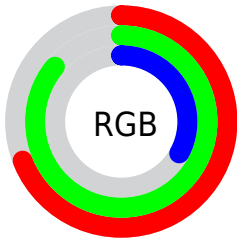
Format	Color
RYB	84, 220, 127
Decimal	11656276
CIELab	82.47, -33.81, 60.41
CIELCh	82, 69.229, 119.239
Yxy	61.1736, 0.3646, 0.4921
Android (android.graphics.Color)	4289846356 (0xFFB1DC54)
YUV	191.6390, -53.0660, -12.8384
Hunter-Lab	78.2136, -33.4327, 41.2514

Details

The Hex color **B1DC54** 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 **7F54DC**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **EBFF8B**, and **79A518** is the 20% darker color. If you saturate the color by 10%, you get **AADC3E**, and if you desaturate by 10%, it is **B8DC6A**.

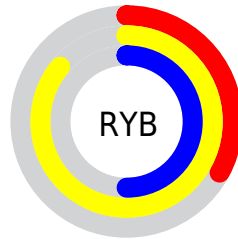
Distribution



Red (69%)

Green (86%)

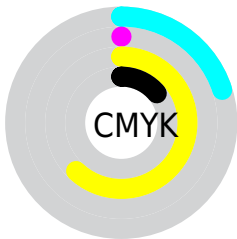
Blue (33%)



Red (33%)

Yellow (86%)

Blue (50%)

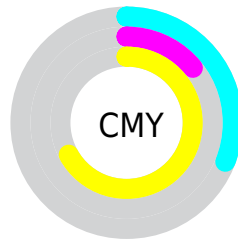


Cyan (20%)

Magenta (0%)

Yellow (62%)

Black (14%)



Cyan (31%)

Magenta (14%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1DC54 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 B1DC54 by changing the saturation by 10% instead.

 B1DC54

 B1DC54

FFFFFF

 95C038

 EBFF8B

 79A518

 FFFFA6

 5D8A00

 FFFFC3

 427100

 FFFFEO

 275800

FFFFFFD

 024000

 002A00

 001000

 000000

 B1DC54

 B1DC54

 AADC3E

 B8DC6A

 A3DC28

 BFDC80

 9CDC12

 C6DC96

 96DC00

 CDDCAC

 D4DCC2

 DBDCD8

 E2DCEE

 E9DCFF

 F0DCFF

Harmonies

Analogous

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



F2C942



B1DC54



56E888

Triad

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



B1DC54



00E5FF



FF92D2

Complementary

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



B1DC54



7F54DC

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



B1DC54



10D5FF

Square

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



B1DC54



00ECFF



CCBDFE



FF9A91

Rectangle

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



B1DC54



00ECB3



CCBDFE



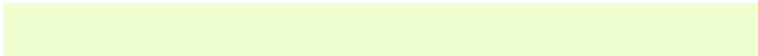
FF95E8

Sweetspot

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



B1DC54



F0FFCF



DC7D54



768062



000000



808080

Same Dimension

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



B1DC54



C3FF42



6FDC54



6A6E63



77AD00



1F2E00

Inverse Universe

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



7F54DC



7E42FF



C154DC



66636E



3700AD



0F002E

Previews

White Background



This preview shows how the Hex color B1DC54 looks on a white background.

Color Contrast Check

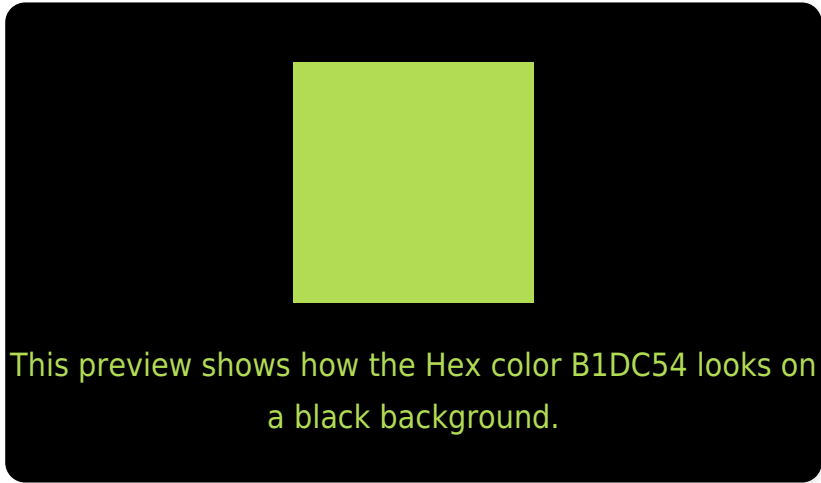
Large Text (above 18pt) WCAG AA × Fail

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 B1DC54 Background



This preview shows how black text looks on a background with the Hex color B1DC54.

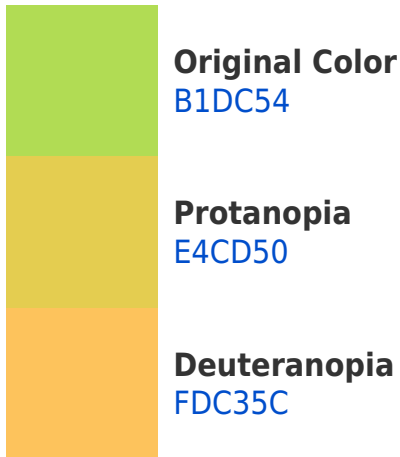


This preview shows how white text looks on a background with the Hex color B1DC54.

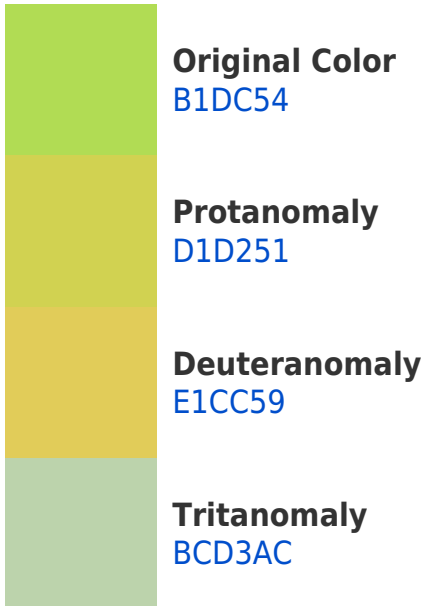
Color Blindness Simulation

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](#).

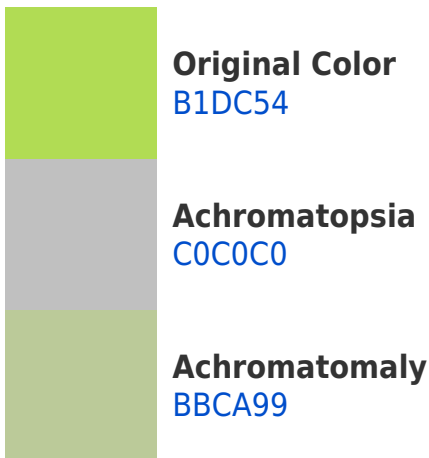
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1DC54 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 #B1DC54 looks like.

```
.text, #text, p{  
    color:#B1DC54  
}
```

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 #B1DC54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1DC54
}
```

Border

The CSS property to change the border of an element to Hex B1DC54 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
#B1DC54 }
```

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

```
.border{ border-color:#B1DC54 }
```

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

Here you see how a box with a 4 pixel #B1DC54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1DC54; -webkit-box-shadow:4px 4px  
4px 4px #B1DC54; box-shadow:4px 4px 4px  
4px #B1DC54 }
```

Background

The CSS property to change the background color of an element to Hex B1DC54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1DC54 }
```

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

```
.background{ background-color:#B1DC54 }
```

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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