

Converting Colors

Hex(B8DD59)

Have a look what the booklet for
Hex(B8DD59) contains.

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Color

Hex(B8DD59)

Conversions

Conversions Part 1

Format	Color
Hex	B8DD59
RGB	184, 221, 89
RGB Percent	72%, 87%, 35%
CMY	0.2784, 0.1333, 0.6510
CMYK	0.17, 0.00, 0.60, 0.13
HSL	77°, 66%, 61%
HSV	77°, 60%, 87%
XYZ	47.4268, 62.6245, 19.0393
YIQ	194.8890, 20.3200, -48.8960

Conversions

Conversions Part 2

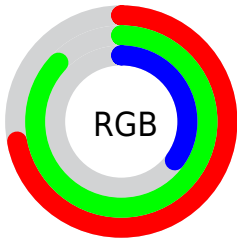
Format	Color
RYB	89, 221, 126
Decimal	12115289
CIELab	83.24, -31.20, 59.27
CIELCh	83, 66.981, 117.759
Yxy	62.6245, 0.3674, 0.4851
Android (android.graphics.Color)	4290305369 (0xFFB8DD59)
YUV	194.8890, -52.2033, -9.5497
Hunter-Lab	79.1357, -31.5106, 41.1304

Details

The Hex color **B8DD59** 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 **7E59DD**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **F2FF8F**, and **80A620** is the 20% darker color. If you saturate the color by 10%, you get **B2DD43**, and if you desaturate by 10%, it is **BEDD6F**.

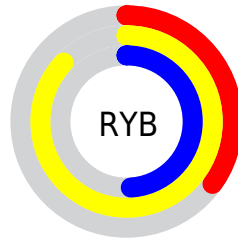
Distribution



Red (72%)

Green (87%)

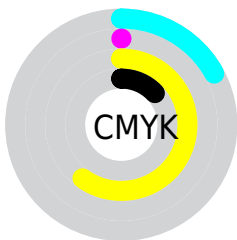
Blue (35%)



Red (35%)

Yellow (87%)

Blue (49%)

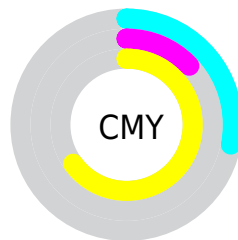


Cyan (17%)

Magenta (0%)

Yellow (60%)

Black (13%)



Cyan (28%)

Magenta (13%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color B8DD59 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 B8DD59 by changing the saturation by 10% instead.

 B8DD59

 B8DD59

FFFFFF

 9CC13E

 F2FF8F

 80A620

 FFFFAB

 648B00

 FFFFC8

 497200

 FFFFE5

 2F5900

 104100

 002B00

 001300

 000000

 B8DD59

 B8DD59

 B2DD43

 BEDD6F

 ACDD2D

 C4DD85

 A5DD17

 CBDD9B

 9FDD01

 D1DDB1

 9FDD00

 D7DDC8

 DDDDE

 E3DDF4

 EADDF

 F0DDFF

Harmonies

Analogous

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



F6CA4A



B8DD59



64E989

Triad

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



B8DD59



00E7FF



FF98D7

Complementary

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



B8DD59



7E59DD

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.



FFA7FF



B8DD59



22D8FF

Square

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



B8DD59



00EEFF



CAC1FF



FF9D98

Rectangle

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



B8DD59



00EDB3



CAC1FF



FF9BEC

Sweetspot

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



B8DD59



F2FFD1



DD7C59



788063



000000



808080

Same Dimension

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



B8DD59



CCFF47



78DD59



6B6E63



7DAD00



212E00

Inverse Universe

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



7E59DD



7B47FF



BE59DD



66636E



3100AD



0D002E

Previews

White Background



This preview shows how the Hex color B8DD59 looks on a white background.

Color Contrast Check

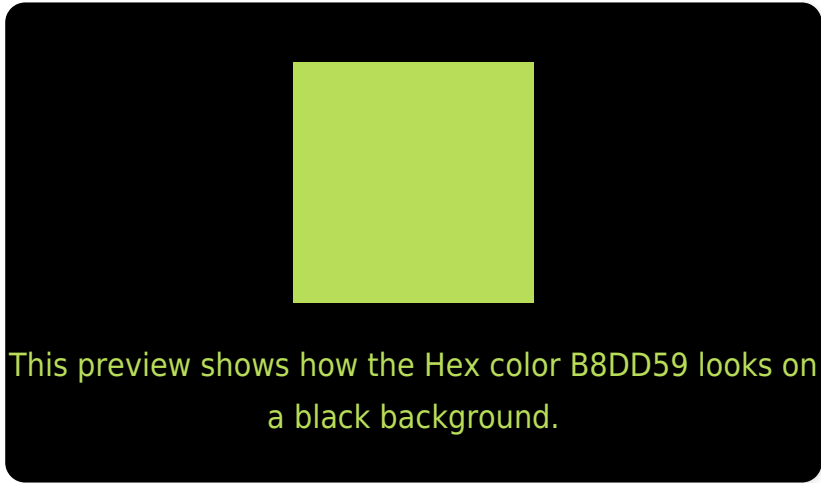
Large Text (above 18pt) WCAG AA × Fail

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 B8DD59 Background



This preview shows how black text looks on a background with the Hex color B8DD59.

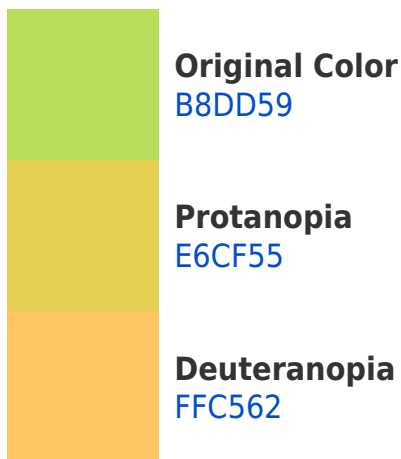


This preview shows how white text looks on a background with the Hex color B8DD59.

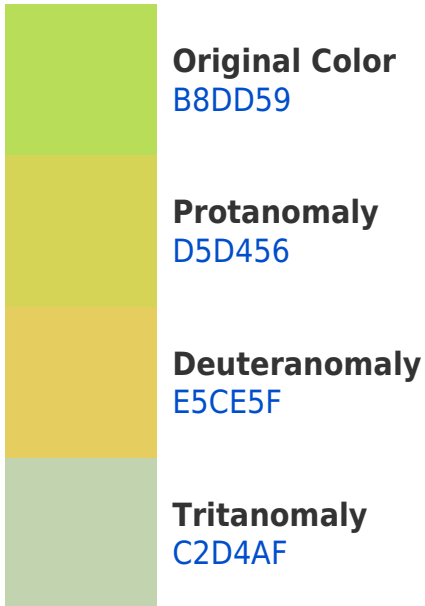
Color Blindness Simulation

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](#).

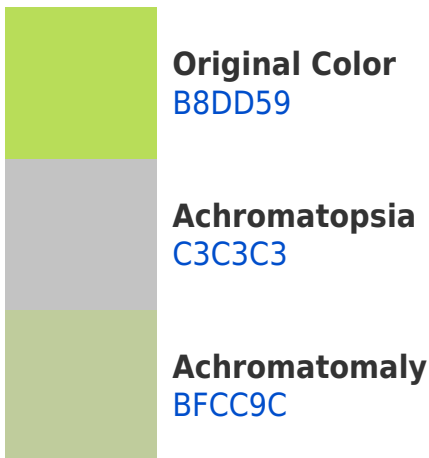
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B8DD59 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 #B8DD59 looks like.

```
.text, #text, p{  
    color:#B8DD59  
}
```

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 #B8DD59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8DD59
}
```

Border

The CSS property to change the border of an element to Hex B8DD59 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
#B8DD59 }
```

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

```
.border{ border-color:#B8DD59 }
```

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

Here you see how a box with a 4 pixel #B8DD59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8DD59; -webkit-box-shadow:4px 4px  
4px 4px #B8DD59; box-shadow:4px 4px 4px  
4px #B8DD59 }
```

Background

The CSS property to change the background color of an element to Hex B8DD59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8DD59 }
```

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

```
.background{ background-color:#B8DD59 }
```

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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