

Converting Colors

Hex(B3DB59)

Have a look what the booklet for
Hex(B3DB59) contains.

Hex(B3DB59)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B3DB59)

Conversions

Conversions Part 1

Format	Color
Hex	B3DB59
RGB	179, 219, 89
RGB Percent	70%, 86%, 35%
CMY	0.2980, 0.1412, 0.6510
CMYK	0.18, 0.00, 0.59, 0.14
HSL	78°, 64%, 60%
HSV	78°, 59%, 86%
XYZ	45.7251, 60.9680, 18.8092
YIQ	192.2200, 17.8900, -48.9100

Conversions

Conversions Part 2

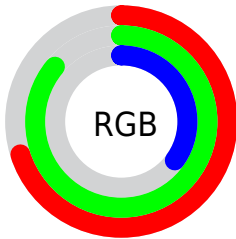
Format	Color
RYB	89, 219, 129
Decimal	11787097
CIELab	82.36, -32.19, 58.20
CIELCh	82, 66.512, 118.948
Yxy	60.9680, 0.3643, 0.4858
Android (android.graphics.Color)	4289977177 (0xFFB3DB59)
YUV	192.2200, -50.8875, -11.5939
Hunter-Lab	78.0820, -32.1133, 40.3750

Details

The Hex color **B3DB59** 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 **8159DB**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **EDFF8F**, and **7BA420** is the 20% darker color. If you saturate the color by 10%, you get **ACDB43**, and if you desaturate by 10%, it is **BADB6F**.

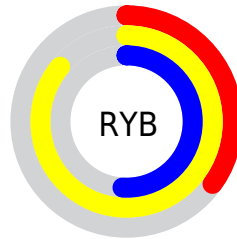
Distribution



Red (70%)

Green (86%)

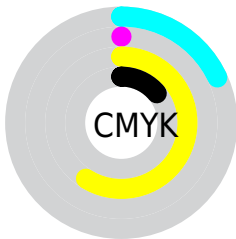
Blue (35%)



Red (35%)

Yellow (86%)

Blue (51%)

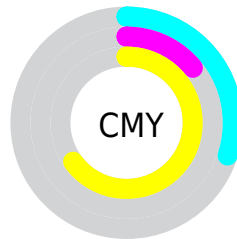


Cyan (18%)

Magenta (0%)

Yellow (59%)

Black (14%)



Cyan (30%)

Magenta (14%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3DB59 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 B3DB59 by changing the saturation by 10% instead.

 B3DB59

 B3DB59

FFFFFF

 97BF3E

 EDFF8F

 7BA420

 FFFFAB

 608900

 FFFFC7


 457000

 FFFF E4

 2A5700

 093F00

 002900

 000F00

 000000

 B3DB59

 B3DB59

 ACDB43

 BADB6F

 A6DB2D

 C0DB85

 9FDB17

 C7DB9B

 98DB01

 CEDBB1

 98DB00

 D5DBC7

 DBDBDC

 E2DBF2

 E9DBFF

 F0DBFF

Harmonies

Analogous

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



F1C949



B3DB59



5EE68A

Triad

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



B3DB59



00E4FF



FF95D2

Complementary

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



B3DB59



8159DB

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.



FFA4FF



B3DB59



32D4FF

Square

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



B3DB59



00EBFF



CBBDFE



FF9C94

Rectangle

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



B3DB59



00EAB3



CBBDFE



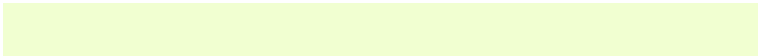
FF98E7

Sweetspot

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



B3DB59



F1FFD1



DB8059



778063



000000



808080

Same Dimension

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



B3DB59



C7FF4A



73DB59



6A6E63



78AD00



202E00

Inverse Universe

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



8159DB



824AFF



C159DB



66636E



3500AD



0E002E

Previews

White Background



This preview shows how the Hex color B3DB59 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



This preview shows how the Hex color B3DB59 looks on a 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 B3DB59 Background



This preview shows how black text looks on a background with the Hex color B3DB59.

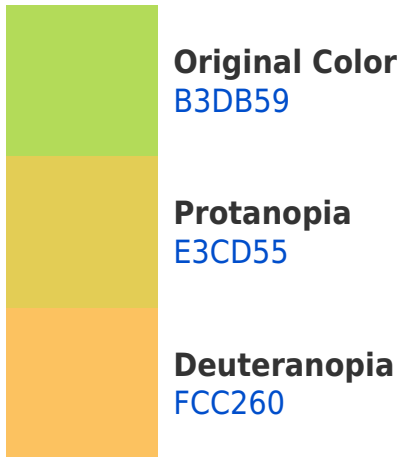


This preview shows how white text looks on a background with the Hex color B3DB59.

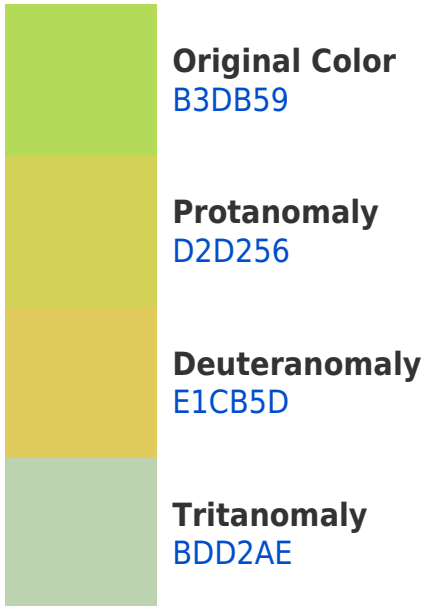
Color Blindness Simulation

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](#).

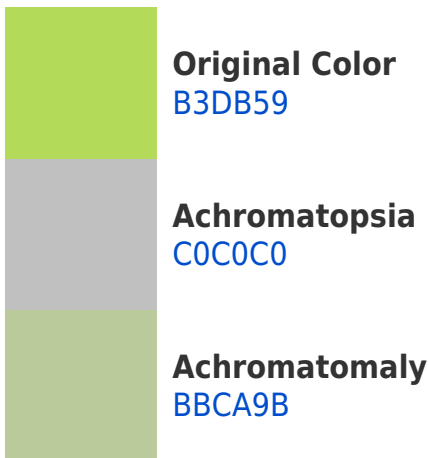
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3DB59 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 #B3DB59 looks like.

```
.text, #text, p{  
    color:#B3DB59  
}
```

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 #B3DB59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3DB59
}
```

Border

The CSS property to change the border of an element to Hex B3DB59 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
#B3DB59 }
```

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

```
.border{ border-color:#B3DB59 }
```

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

Here you see how a box with a 4 pixel #B3DB59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3DB59; -webkit-box-shadow:4px 4px  
4px 4px #B3DB59; box-shadow:4px 4px 4px  
4px #B3DB59 }
```

Background

The CSS property to change the background color of an element to Hex B3DB59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3DB59 }
```

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

```
.background{ background-color:#B3DB59 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor