

Converting Colors

Hex(B6DC58)

Have a look what the booklet for
Hex(B6DC58) contains.

Hex(B6DC58)	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(B6DC58)

Conversions

Conversions Part 1

Format	Color
Hex	B6DC58
RGB	182, 220, 88
RGB Percent	71%, 86%, 35%
CMY	0.2863, 0.1373, 0.6549
CMYK	0.17, 0.00, 0.60, 0.14
HSL	77°, 65%, 60%
HSV	77°, 60%, 86%
XYZ	46.6461, 61.8361, 18.7096
YIQ	193.5900, 19.7240, -49.1080

Conversions

Conversions Part 2

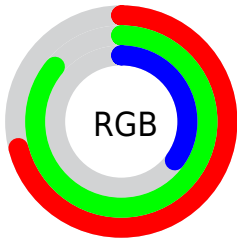
Format	Color
RYB	88, 220, 126
Decimal	11983960
CIELab	82.83, -31.58, 59.20
CIELCh	83, 67.098, 118.079
Yxy	61.8361, 0.3667, 0.4862
Android (android.graphics.Color)	4290174040 (0xFFB6DC58)
YUV	193.5900, -52.0559, -10.1644
Hunter-Lab	78.6359, -31.7284, 40.9385

Details

The Hex color **B6DC58** 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 **7E58DC**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **F0FF8E**, and **7EA51E** is the 20% darker color. If you saturate the color by 10%, you get **B0DC42**, and if you desaturate by 10%, it is **BCDC6E**.

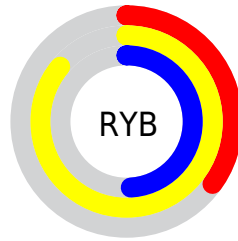
Distribution



Red (71%)

Green (86%)

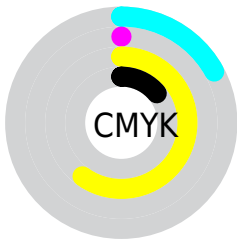
Blue (35%)



Red (35%)

Yellow (86%)

Blue (49%)

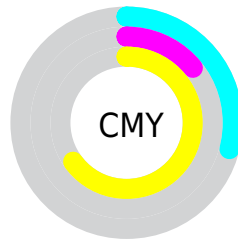


Cyan (17%)

Magenta (0%)

Yellow (60%)

Black (14%)



Cyan (29%)

Magenta (14%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6DC58 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 B6DC58 by changing the saturation by 10% instead.

 B6DC58

 B6DC58

FFFFFF

 9AC03D

 F0FF8E

 7EA51E

 FFFFFA

 638A00

 FFFFC7

 487100

 FFFFE3

 2D5800

 0D4000

 002A00

 001200

 000000

 B6DC58

 B6DC58

 B0DC42

 BCDC6E

 A9DC2C

 C3DC84

 A3DC16

 C9DC9A

 9DDC00

 CFDCB0

 D6DCC6

 DCDCDC

 E2DCF2

 E9DCFF

 EFDCFF

Harmonies

Analogous

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



F5CA49



B6DC58



62E889

Triad

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



B6DC58



00E6FF



FF96D5

Complementary

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



B6DC58



7E58DC

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.



FFA6FF



B6DC58



21D6FF

Square

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



B6DC58



00EDFF



CABFFF



FF9C96

Rectangle

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



B6DC58



00ECB2



CABFFF



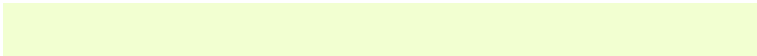
FF99EA

Sweetspot

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



B6DC58



F2FFD1



DC7D58



778063



000000



808080

Same Dimension

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



B6DC58



CAFF47



75DC58



6A6E63



7BAD00



212E00

Inverse Universe

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



7E58DC



7C47FF



BF58DC



66636E



3200AD



0D002E

Previews

White Background



This preview shows how the Hex color B6DC58 looks on a white background.

Color Contrast Check

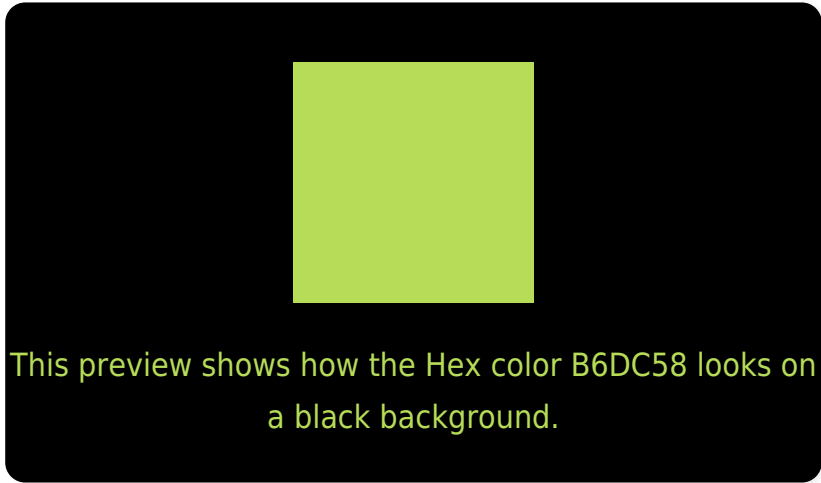
Large Text (above 18pt) WCAG AA × Fail

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 B6DC58 Background



This preview shows how black text looks on a background with the Hex color B6DC58.

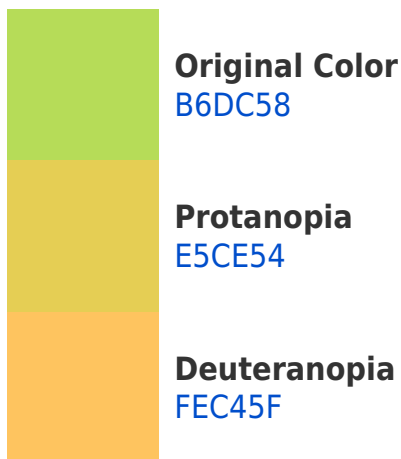


This preview shows how white text looks on a background with the Hex color B6DC58.

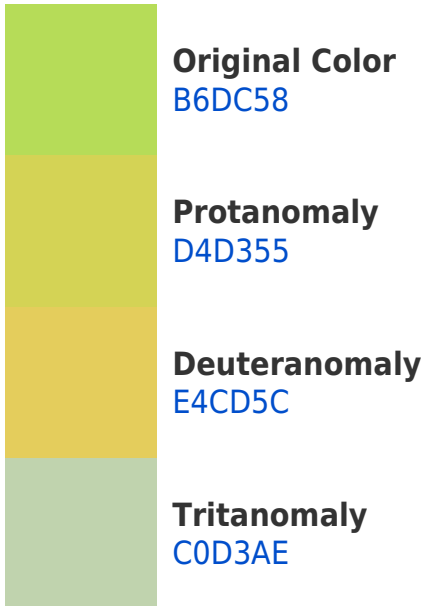
Color Blindness Simulation

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 B6DC58 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 #B6DC58 looks like.

```
.text, #text, p{  
    color:#B6DC58  
}
```

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 #B6DC58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6DC58
}
```

Border

The CSS property to change the border of an element to Hex B6DC58 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
#B6DC58 }
```

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

```
.border{ border-color:#B6DC58 }
```

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

Here you see how a box with a 4 pixel #B6DC58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6DC58; -webkit-box-shadow:4px 4px  
4px 4px #B6DC58; box-shadow:4px 4px 4px  
4px #B6DC58 }
```

Background

The CSS property to change the background color of an element to Hex B6DC58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6DC58 }
```

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

```
.background{ background-color:#B6DC58 }
```

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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