

Converting Colors

Hex(B7DB58)

Have a look what the booklet for
Hex(B7DB58) contains.

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Color

Hex(B7DB58)

Conversions

Conversions Part 1

Format	Color
Hex	B7DB58
RGB	183, 219, 88
RGB Percent	72%, 86%, 35%
CMY	0.2824, 0.1412, 0.6549
CMYK	0.16, 0.00, 0.60, 0.14
HSL	76°, 65%, 60%
HSV	76°, 60%, 86%
XYZ	46.6214, 61.4349, 18.6334
YIQ	193.3020, 20.5950, -48.3730

Conversions

Conversions Part 2

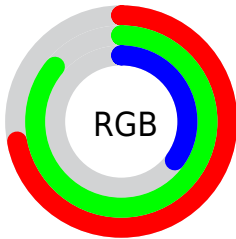
Format	Color
RYB	88, 219, 124
Decimal	12049240
CIELab	82.61, -30.73, 58.98
CIELCh	83, 66.506, 117.519
Yxy	61.4349, 0.3680, 0.4849
Android (android.graphics.Color)	4290239320 (0xFFB7DB58)
YUV	193.3020, -51.9139, -9.0349
Hunter-Lab	78.3804, -30.9922, 40.7712

Details

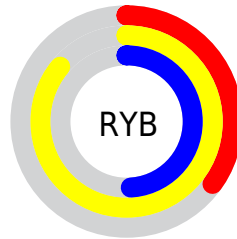
The Hex color **B7DB58** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **7C58DB**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **F1FF8E**, and **7FA41F** is the 20% darker color. If you saturate the color by 10%, you get **B1DB42**, and if you desaturate by 10%, it is **BDDB6E**.

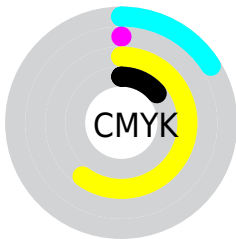
Distribution



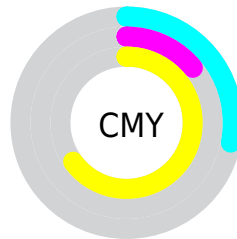
- Red (72%)
- Green (86%)
- Blue (35%)



- Red (35%)
- Yellow (86%)
- Blue (49%)



- Cyan (16%)
- Magenta (0%)
- Yellow (60%)
- Black (14%)



- Cyan (28%)
- Magenta (14%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7DB58 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 B7DB58 by changing the saturation by 10% instead.

 B7DB58

 B7DB58

FFFFFF

 9BBF3D

 F1FF8E

 7FA41F

 FFFFAA

 648A00

 FFFFC7

 497000

 FFFF E3

 2E5700

 0F4000

 002900

 001100

 000000

 B7DB58

 B7DB58

 B1DB42

 BDDDB6E

 ABDB2C

 C3DB84

 A5DB16

 C9DB9A

 9FDB00

 CFDBB0

 D5DBC5

 DBDBDB

 E1DBF1

 E7DBFF

 EDDBFF

Harmonies

Analogous

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



F5C94A



B7DB58



64E788

Triad

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



B7DB58



00E5FF



FF96D5

Complementary

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



B7DB58



7C58DB

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



B7DB58



1DD6FF

Square

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



B7DB58



00ECFF



C7BFFF



FF9C97

Rectangle

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



B7DB58



00EBB1



C7BFFF



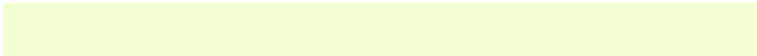
FF9AEA

Sweetspot

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



B7DB58



F2FFD1



DB7B58



788063



000000



808080

Same Dimension

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



B7DB58



CDFF47



77DB58



6B6E63



7EAD00



212E00

Inverse Universe

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



7C58DB



7A47FF



BC58DB



66636E



3000AD



0D002E

Previews

White Background



This preview shows how the Hex color B7DB58 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 B7DB58 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 B7DB58 Background



This preview shows how black text looks on a background with the Hex color B7DB58.

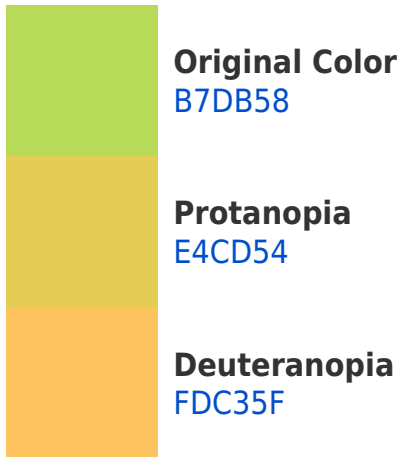


This preview shows how white text looks on a background with the Hex color B7DB58.

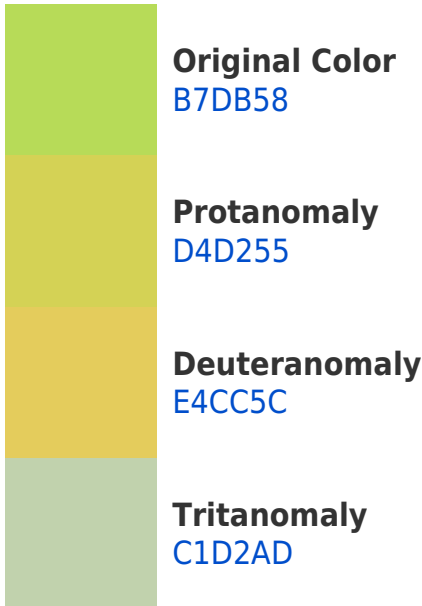
Color Blindness Simulation

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](#).

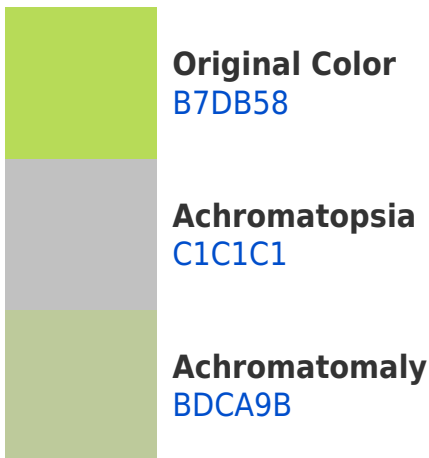
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7DB58 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 #B7DB58 looks like.

```
.text, #text, p{  
    color:#B7DB58  
}
```

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 #B7DB58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7DB58
}
```

Border

The CSS property to change the border of an element to Hex B7DB58 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
#B7DB58 }
```

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

```
.border{ border-color:#B7DB58 }
```

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

Here you see how a box with a 4 pixel #B7DB58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7DB58; -webkit-box-shadow:4px 4px  
4px 4px #B7DB58; box-shadow:4px 4px 4px  
4px #B7DB58 }
```

Background

The CSS property to change the background color of an element to Hex B7DB58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7DB58 }
```

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

```
.background{ background-color:#B7DB58 }
```

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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