

Converting Colors

Hex(B8D75B)

Have a look what the booklet for
Hex(B8D75B) contains.

Hex(B8D75B)	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(B8D75B)

Conversions

Conversions Part 1

Format	Color
Hex	B8D75B
RGB	184, 215, 91
RGB Percent	72%, 84%, 36%
CMY	0.2784, 0.1569, 0.6431
CMYK	0.14, 0.00, 0.58, 0.16
HSL	75°, 61%, 60%
HSV	75°, 58%, 84%
XYZ	45.9559, 59.5466, 18.9690
YIQ	191.5950, 21.3280, -45.1360

Conversions

Conversions Part 2

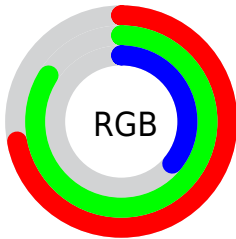
Format	Color
RYB	91, 215, 122
Decimal	12113755
CIELab	81.59, -28.21, 56.56
CIELCh	82, 63.205, 116.511
Yxy	59.5466, 0.3692, 0.4784
Android (android.graphics.Color)	4290303835 (0xFFB8D75B)
YUV	191.5950, -49.5933, -6.6608
Hunter-Lab	77.1664, -28.7368, 39.4418

Details

The Hex color **B8D75B** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **7A5BD7**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **F2FF91**, and **80A024** is the 20% darker color. If you saturate the color by 10%, you get **B3D746**, and if you desaturate by 10%, it is **BDD771**.

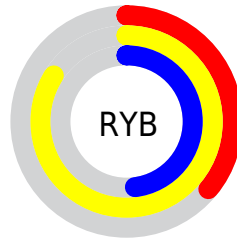
Distribution



Red (72%)

Green (84%)

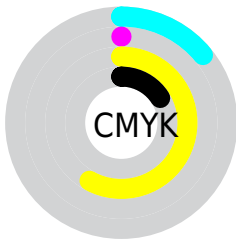
Blue (36%)



Red (36%)

Yellow (84%)

Blue (48%)

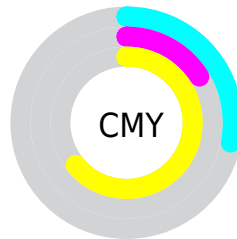


Cyan (14%)

Magenta (0%)

Yellow (58%)

Black (16%)



Cyan (28%)

Magenta (16%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color B8D75B 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 B8D75B by changing the saturation by 10% instead.

 B8D75B

 B8D75B

FFFFFF

 9CBB40

 F2FF91

 80A024


 FFFFAD

 658600

 FFFFC9

 4A6D00

 FFFFE6

 315400

 133D00

 002700

 000B00

 000000

 B8D75B

 B8D75B

 B3D746

 BDD771

 ADD730

 C3D786

 A8D71B

 C8D79C

 A3D705

 CED7B1

 A1D700

 D3D7C7

 D8D7DC

 DED7F2

 E3D7FF

 E8D7FF

Harmonies

Analogous

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



F2C54F



B8D75B



6CE287

Triad

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



B8D75B



00E1FF



FF98D4

Complementary

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



B8D75B



7A5BD7

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



B8D75B



2FD3FF

Square

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



B8D75B



00E8FE



C2BEFF



FF9C99

Rectangle

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



B8D75B



00E7AD



C2BEFF



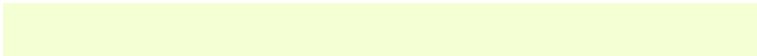
FF9BE8

Sweetspot

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



B8D75B



F4FFD4



D77A5B



798066



000000



808080

Same Dimension

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



B8D75B



D3FF4F



7AD75B



686B60



80AB00



212B00

Inverse Universe

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



7A5BD7



7B4FFF



B85BD7



63606B



2B00AB



0B002B

Previews

White Background



This preview shows how the Hex color B8D75B looks on a white background.

Color Contrast Check

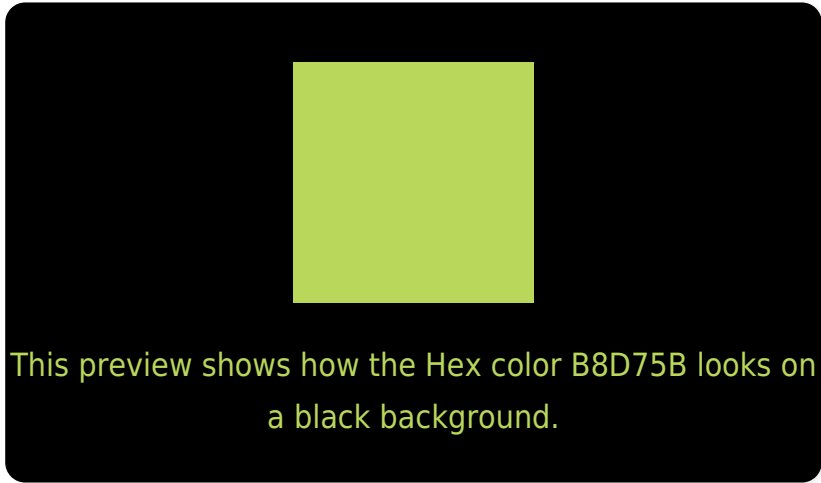
Large Text (above 18pt) WCAG AA × Fail

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 B8D75B Background



This preview shows how black text looks on a background with the Hex color B8D75B.

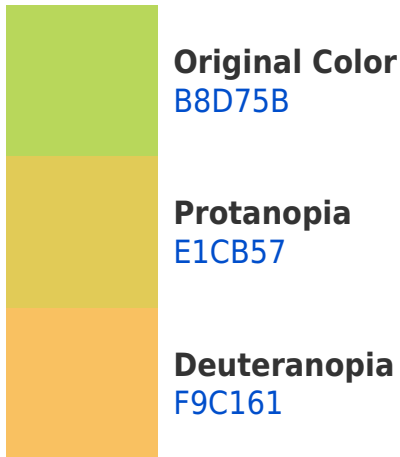


This preview shows how white text looks on a background with the Hex color B8D75B.

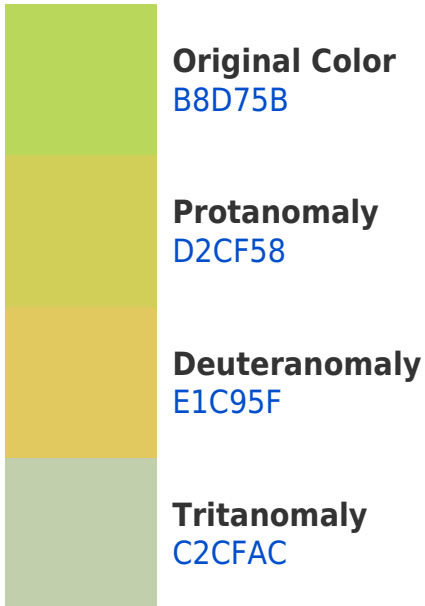
Color Blindness Simulation

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 B8D75B 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 #B8D75B looks like.

```
.text, #text, p{  
    color:#B8D75B  
}
```

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 #B8D75B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8D75B
}
```

Border

The CSS property to change the border of an element to Hex B8D75B 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
#B8D75B }
```

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

```
.border{ border-color:#B8D75B }
```

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

Here you see how a box with a 4 pixel #B8D75B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8D75B; -webkit-box-shadow:4px 4px  
4px 4px #B8D75B; box-shadow:4px 4px 4px  
4px #B8D75B }
```

Background

The CSS property to change the background color of an element to Hex B8D75B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8D75B }
```

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

```
.background{ background-color:#B8D75B }
```

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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