

# Converting Colors

Hex(B8DB70)

Have a look what the booklet for  
Hex(B8DB70) contains.

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# **Color**

**Hex(B8DB70)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8DB70
RGB	184, 219, 112
RGB Percent	72%, 86%, 44%
CMY	0.2784, 0.1412, 0.5608
CMYK	0.16, 0.00, 0.49, 0.14
HSL	80°, 60%, 65%
HSV	80°, 49%, 86%
XYZ	48.0233, 62.0232, 24.7698
YIQ	196.3370, 13.4870, -40.6970

# Conversions

## Conversions Part 2

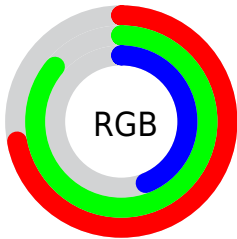
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 219, 147
Decimal	12114800
CIELab	82.93, -28.17, 48.47
CIELCh	83, 56.061, 120.162
Yxy	62.0232, 0.3562, 0.4601
Android (android.graphics.Color)	4290304880 (0xFFB8DB70)
YUV	196.3370, -41.5781, -10.8195
Hunter-Lab	78.7548, -28.9748, 36.4806

# Details

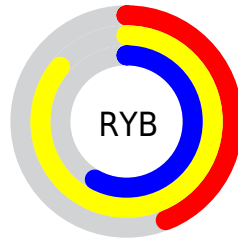
The Hex color **B8DB70** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9370DB**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **F2FFA6**, and **81A43C** is the 20% darker color. If you saturate the color by 10%, you get **B1DB5A**, and if you desaturate by 10%, it is **BFDB86**.

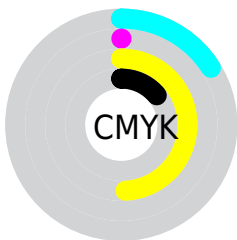
# Distribution



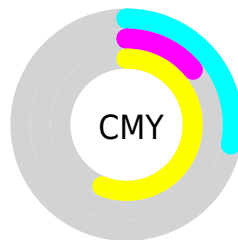
- Red (72%)
- Green (86%)
- Blue (44%)



- Red (44%)
- Yellow (86%)
- Blue (58%)



- Cyan (16%)
- Magenta (0%)
- Yellow (49%)
- Black (14%)



- Cyan (28%)
- Magenta (14%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8DB70 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 B8DB70 by changing the saturation by 10% instead.



 B8DB70

FFFFFF

 F2FFA6

 FFFFC2

 FFFFDE

 FFFFFB

 B8DB70

 9CBF56

 81A43C

 668A21

 4C7000

 325700

 184000

 002900

 001200

 000000

 B8DB70

 B8DB70

 B1DB5A

 BFDB86

 AADB44

 C6DB9C

 A3DB2E

 CDDBB2

 9BDB18

 D5DBC8

 94DB02

 DCDBDD

 93DB00

 E3DBF3

 EADBFF

 F1DBFF

 F8DBFF

# Harmonies

## Analogous

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



EECC62



B8DB70



75E598

# Triad

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



B8DB70



00E1FF



FFA3D0

# Complementary

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



B8DB70



9370DB

# 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.



FFADFF



B8DB70



72D4FF

# Square

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



B8DB70



00E8FF



D3C1FF



FFA89C

# Rectangle

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



B8DB70



2AE8BB



D3C1FF



FFA4E2

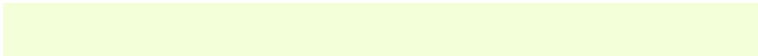


# Sweetspot

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



B8DB70



F2FFD9



DB9270



788069



000000



808080



# Same Dimension

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



B8DB70



CEFF69



84DB70



6A6E63



75AD00



1F2E00



# Inverse Universe

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



9370DB



9A69FF



C770DB



66636E



3900AD



0F002E



# Previews

## White Background



This preview shows how the Hex color B8DB70 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 B8DB70 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 B8DB70 Background



This preview shows how black text looks on a background with the Hex color B8DB70.

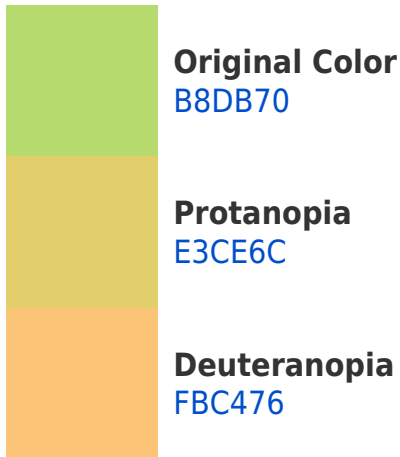


This preview shows how white text looks on a background with the Hex color B8DB70.

# 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



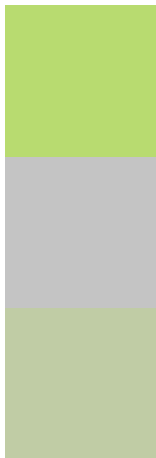
**Original Color**  
B8DB70

**Protanomaly**  
D3D36D

**Deuteranomaly**  
E3CC74

**Tritanomaly**  
C1D3B7

# Monochromacy



**Original Color**  
B8DB70

**Achromatopsia**  
C4C4C4

**Achromatomaly**  
C0CCA5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8DB70 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 #B8DB70 looks like.

```
.text, #text, p{  
    color:#B8DB70  
}
```

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 #B8DB70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8DB70
}
```

## Border

The CSS property to change the border of an element to Hex B8DB70 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
#B8DB70 }
```

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

```
.border{ border-color:#B8DB70 }
```

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

Here you see how a box with a 4 pixel #B8DB70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8DB70; -webkit-box-shadow:4px 4px  
4px 4px #B8DB70; box-shadow:4px 4px 4px  
4px #B8DB70 }
```

# Background

The CSS property to change the background color of an element to Hex B8DB70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8DB70 }
```

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

```
.background{ background-color:#B8DB70 }
```

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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