

# Converting Colors

Hex(B8DB73)

Have a look what the booklet for  
Hex(B8DB73) contains.

<b>Hex(B8DB73)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B8DB73)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8DB73
RGB	184, 219, 115
RGB Percent	72%, 86%, 45%
CMY	0.2784, 0.1412, 0.5490
CMYK	0.16, 0.00, 0.47, 0.14
HSL	80°, 59%, 65%
HSV	80°, 47%, 86%
XYZ	48.1932, 62.0912, 25.6644
YIQ	196.6790, 12.5240, -39.7640

# Conversions

## Conversions Part 2

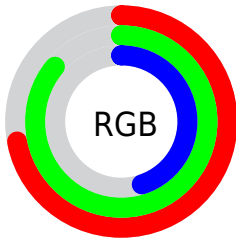
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 219, 150
Decimal	12114803
CIELab	82.96, -27.85, 47.08
CIELCh	83, 54.703, 120.610
Yxy	62.0912, 0.3545, 0.4567
Android (android.graphics.Color)	4290304883 (0xFFB8DB73)
YUV	196.6790, -40.2677, -11.1195
Hunter-Lab	78.7980, -28.7250, 35.8479

# Details

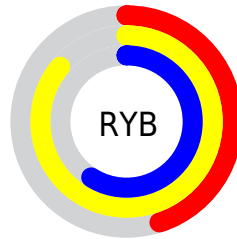
The Hex color **B8DB73** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9673DB**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **F2FFA9**, and **81A43F** is the 20% darker color. If you saturate the color by 10%, you get **B1DB5D**, and if you desaturate by 10%, it is **BFDB89**.

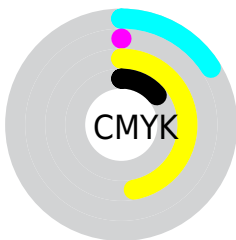
# Distribution



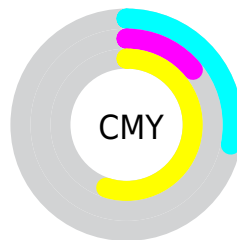
- Red (72%)
- Green (86%)
- Blue (45%)



- Red (45%)
- Yellow (86%)
- Blue (59%)



- Cyan (16%)
- Magenta (0%)
- Yellow (47%)
- Black (14%)



- Cyan (28%)
- Magenta (14%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8DB73 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 B8DB73 by changing the saturation by 10% instead.



 B8DB73

 B8DB73

FFFFFF

 9CBF59

 F2FFA9

 81A43F

 FFFFC5

 668A25

 FFFFE1

 4C7005

FFFFFFE

 325700

 194000

 002900

 001200

 000000

 B8DB73

 B8DB73

 B1DB5D

 BFDB89

 A9DB47

 C7DB9F

 A2DB31

 CEDBB5

 9BDB1B

 D5DBCB

 93DB06

 DDDBE1

 91DB00

 E4DBF6

 ECDBFF

 F3DBFF

 FADBFF

# Harmonies

## Analogous

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



EDCC65



B8DB73



77E59A

# Triad

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



B8DB73



00E1FF



FFA4D0

# Complementary

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



B8DB73



9673DB

# 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.



FFAEFF



B8DB73



79D4FF

# Square

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



B8DB73



00E8FF



D4C1FF



FFA99D

# Rectangle

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



B8DB73



33E8BC



D4C1FF



FFA6E1

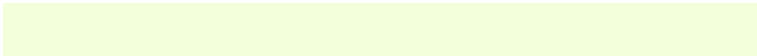


# Sweetspot

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



B8DB73



F3FFDB



DB9673



78806A



000000



808080



# Same Dimension

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



B8DB73



CEFF6E



84DB73



6A6E63



73AD00



1E2E00



# Inverse Universe

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



9673DB



9F6EFF



CA73DB



66636E



3A00AD



0F002E



# Previews

## White Background



This preview shows how the Hex color B8DB73 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 B8DB73 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 B8DB73 Background



This preview shows how black text looks on a background with the Hex color B8DB73.

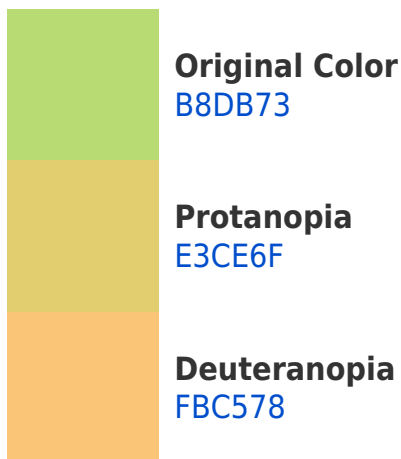


This preview shows how white text looks on a background with the Hex color B8DB73.

# Color Blindness Simulation

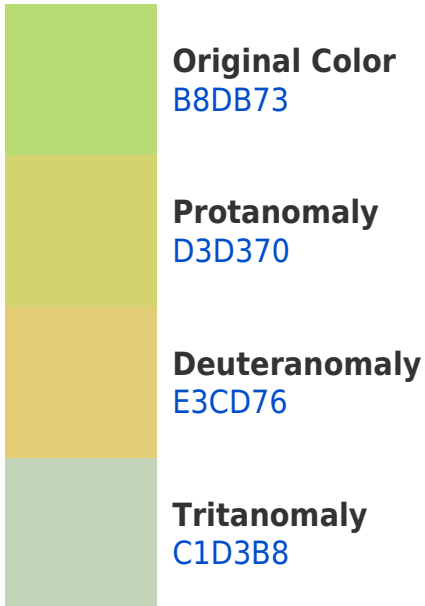
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

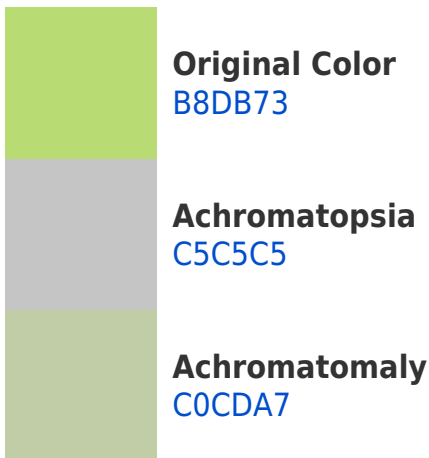




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8DB73 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 #B8DB73 looks like.

```
.text, #text, p{  
    color:#B8DB73  
}
```

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 #B8DB73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8DB73  
}
```

## Border

The CSS property to change the border of an element to Hex B8DB73 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  
#B8DB73 }
```

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

```
.border{ border-color:#B8DB73 }
```

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

Here you see how a box with a 4 pixel #B8DB73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8DB73; -webkit-box-shadow:4px 4px  
4px 4px #B8DB73; box-shadow:4px 4px 4px  
4px #B8DB73 }
```

# Background

The CSS property to change the background color of an element to Hex B8DB73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8DB73 }
```

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

```
.background{ background-color:#B8DB73 }
```

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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