

Converting Colors

Hex(B1D97B)

Have a look what the booklet for
Hex(B1D97B) contains.

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Color

Hex(B1D97B)

Conversions

Conversions Part 1

Format	Color
Hex	B1D97B
RGB	177, 217, 123
RGB Percent	69%, 85%, 48%
CMY	0.3059, 0.1490, 0.5176
CMYK	0.18, 0.00, 0.43, 0.15
HSL	86°, 55%, 67%
HSV	86°, 43%, 85%
XYZ	46.5195, 60.4029, 27.9460
YIQ	194.3240, 6.3340, -37.7140

Conversions

Conversions Part 2

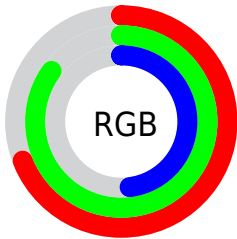
Format	Color
RYB	123, 217, 163
Decimal	11655547
CIELab	82.06, -28.62, 41.96
CIElCh	82, 50.794, 124.298
Yxy	60.4029, 0.3449, 0.4479
Android (android.graphics.Color)	4289845627 (0xFFB1D97B)
YUV	194.3240, -35.1627, -15.1931
Hunter-Lab	77.7193, -29.1662, 33.0843

Details

The Hex color **B1D97B** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A37BD9**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **EAFB1**, and **7BA248** is the 20% darker color. If you saturate the color by 10%, you get **A8D965**, and if you desaturate by 10%, it is **BAD991**.

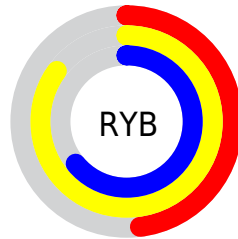
Distribution



Red (69%)

Green (85%)

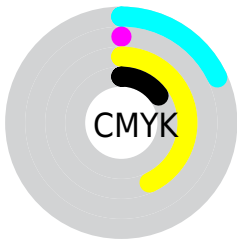
Blue (48%)



Red (48%)

Yellow (85%)

Blue (64%)

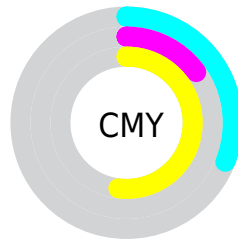


Cyan (18%)

Magenta (0%)

Yellow (43%)

Black (15%)



Cyan (31%)

Magenta (15%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1D97B 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 B1D97B by changing the saturation by 10% instead.

 B1D97B

 B1D97B

FFFFFF

 95BD61

 EAFFB1

 7BA248

 FFFFCF

 60882F

 FFFFEE

 476E15

 2D5500

 143E00

 002800

 000E00

 000000

 B1D97B

 B1D97B

 A8D965

 BAD991

 9FD950

 C3D9A6

 95D93A

 CDD9BC

 8CD924

 D6D9D2

 83D90F

 DFD9E8

 7DD900

 E8D9FD

 F2D9FF

 FBD9FF

 FFD9FF

Harmonies

Analogous

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



E3CC6B



B1D97B



74E1A1

Triad

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



B1D97B



00DCFF



FFA5C7

Complementary

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



B1D97B



A37BD9

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.



FFADF6



B1D97B



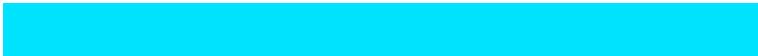
8CCFFF

Square

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



B1D97B



00E3FF



DABDFF



FFAB99

Rectangle

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



B1D97B



3AE4C1



DABDFF



FFA6D7

Sweetspot

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



B1D97B



F1FFDE



D9A27B



77806B



000000



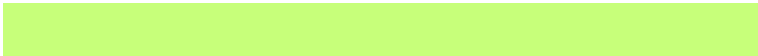
808080

Same Dimension

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



B1D97B



C7FF7A



83D97B



696E63



64AD00



1A2E00

Inverse Universe

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



A37BD9



B37AFF



D17BD9



67636E



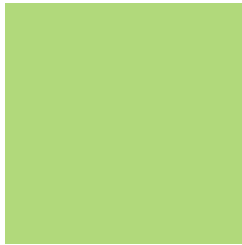
4A00AD



14002E

Previews

White Background



This preview shows how the Hex color B1D97B 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 B1D97B 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 B1D97B Background



This preview shows how black text looks on a background with the Hex color B1D97B.

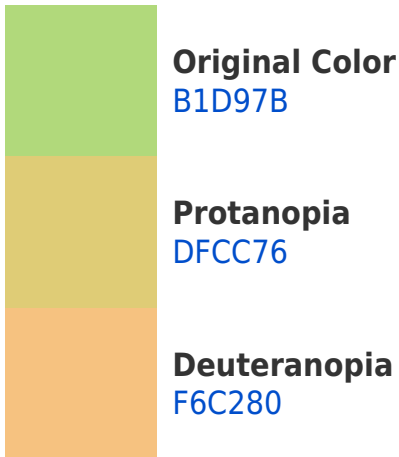


This preview shows how white text looks on a background with the Hex color B1D97B.

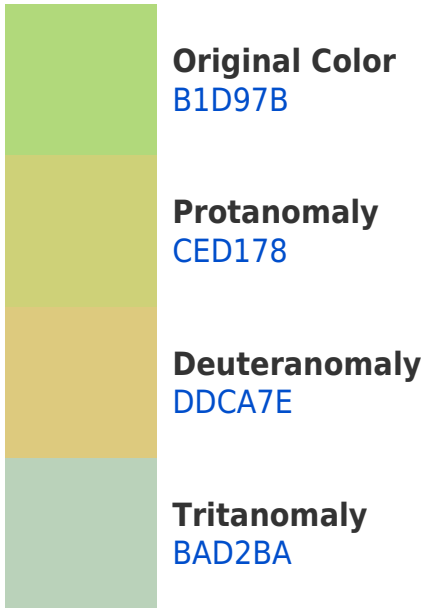
Color Blindness Simulation

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](#).

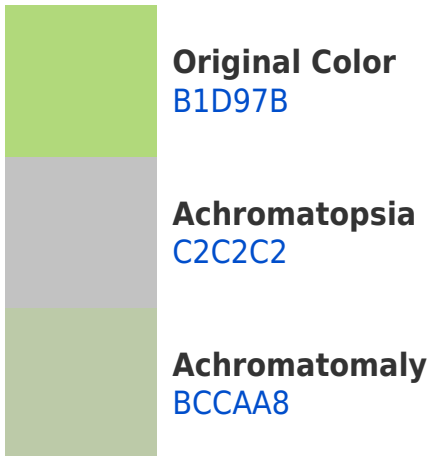
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1D97B 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 #B1D97B looks like.

```
.text, #text, p{  
    color:#B1D97B  
}
```

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 #B1D97B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1D97B
}
```

Border

The CSS property to change the border of an element to Hex B1D97B 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
#B1D97B }
```

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

```
.border{ border-color:#B1D97B }
```

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

Here you see how a box with a 4 pixel #B1D97B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1D97B; -webkit-box-shadow:4px 4px  
4px 4px #B1D97B; box-shadow:4px 4px 4px  
4px #B1D97B }
```

Background

The CSS property to change the background color of an element to Hex B1D97B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1D97B }
```

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

```
.background{ background-color:#B1D97B }
```

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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