

Converting Colors

Hex(B1DD85)

Have a look what the booklet for
Hex(B1DD85) contains.

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Color

Hex(B1DD85)

Conversions

Conversions Part 1

Format	Color
Hex	B1DD85
RGB	177, 221, 133
RGB Percent	69%, 87%, 52%
CMY	0.3059, 0.1333, 0.4784
CMYK	0.20, 0.00, 0.40, 0.13
HSL	90°, 56%, 69%
HSV	90°, 40%, 87%
XYZ	48.2216, 62.7535, 31.7614
YIQ	197.8120, 2.0240, -36.6960

Conversions

Conversions Part 2

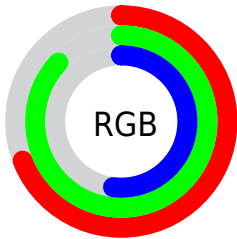
Format	Color
RYB	133, 221, 177
Decimal	11656581
CIELab	83.31, -29.29, 38.59
CIElCh	83, 48.443, 127.198
Yxy	62.7535, 0.3378, 0.4396
Android (android.graphics.Color)	4289846661 (0xFFB1DD85)
YUV	197.8120, -31.9523, -18.2521
Hunter-Lab	79.2171, -29.9722, 31.6802

Details

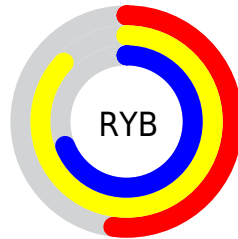
The Hex color **B1DD85** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B185DD**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **EAFFBB**, and **7BA652** is the 20% darker color. If you saturate the color by 10%, you get **A6DD6F**, and if you desaturate by 10%, it is **BCDD9B**.

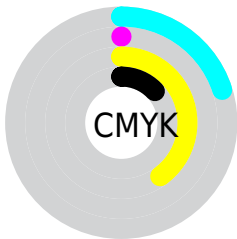
Distribution



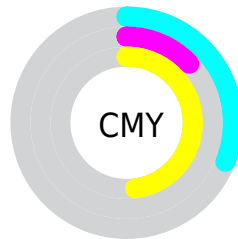
- Red (69%)
- Green (87%)
- Blue (52%)



- Red (52%)
- Yellow (87%)
- Blue (69%)



- Cyan (20%)
- Magenta (0%)
- Yellow (40%)
- Black (13%)



- Cyan (31%)
- Magenta (13%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1DD85 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 B1DD85 by changing the saturation by 10% instead.

 B1DD85

 B1DD85

FFFFFF

 96C16B

 EAFFBB

 7BA652

 FFFFD7

 618B39

 FFFFF4

 477220

 2E5904

 154100

 002A00

 001400

 000000

 B1DD85

 B1DD85

 A6DD6F

 BCDD9B

 9BDD59

 C7DDB1

 90DD43

 D2DDC7

 85DD2D

 DDDDDD

 7ADD16

 E8DDF4

 6FDD00

 F3DDFF

 6EDD00

 FEDDFF

 FFDDFF

Harmonies

Analogous

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



E2D073



B1DD85



77E5AB

Triad

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



B1DD85



3ADEFF



FFABC6

Complementary

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



B1DD85



B185DD

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.



FFB1F4



B1DD85



9DD0FF

Square

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



B1DD85



00E5FF



E3C0FF



FFB29B

Rectangle

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



B1DD85



44E7CA



E3C0FF



FFABD6

Sweetspot

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



B1DD85



F0FFE0



DDB185



77806E



000000



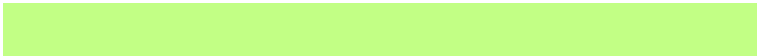
808080

Same Dimension

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



B1DD85



C2FF85



85DD85



686E63



57AD00



172E00

Inverse Universe

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



B185DD



C285FF



DD85DD



68636E



5700AD



17002E

Previews

White Background



This preview shows how the Hex color B1DD85 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 B1DD85 Background



This preview shows how black text looks on a background with the Hex color B1DD85.

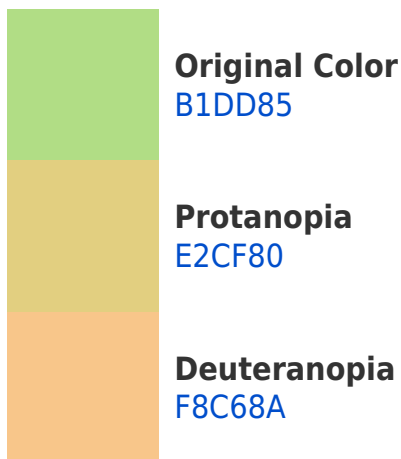


This preview shows how white text looks on a background with the Hex color B1DD85.

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](#).

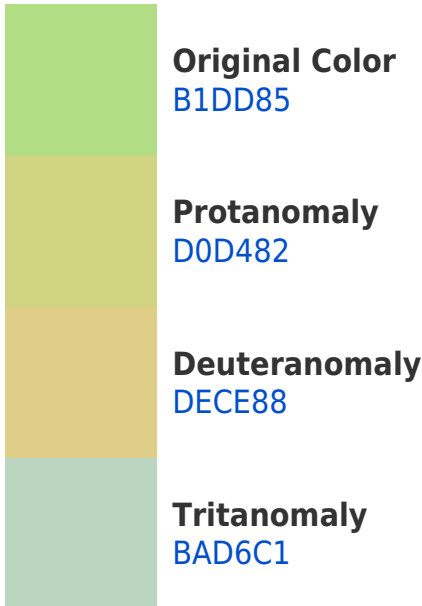
Dichromacy



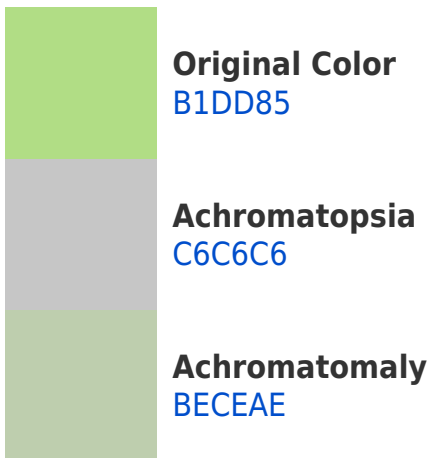


Tritanopia
BFD2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1DD85 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 #B1DD85 looks like.

```
.text, #text, p{  
    color:#B1DD85  
}
```

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 #B1DD85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1DD85
}
```

Border

The CSS property to change the border of an element to Hex B1DD85 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
#B1DD85 }
```

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

```
.border{ border-color:#B1DD85 }
```

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

Here you see how a box with a 4 pixel #B1DD85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1DD85; -webkit-box-shadow:4px 4px  
4px 4px #B1DD85; box-shadow:4px 4px 4px  
4px #B1DD85 }
```

Background

The CSS property to change the background color of an element to Hex B1DD85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1DD85 }
```

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

```
.background{ background-color:#B1DD85 }
```

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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