

Converting Colors

Hex(B1D75D)

Have a look what the booklet for
Hex(B1D75D) contains.

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Color

Hex(**B1D75D**)

Conversions

Conversions Part 1

Format	Color
Hex	B1D75D
RGB	177, 215, 93
RGB Percent	69%, 84%, 36%
CMY	0.3059, 0.1569, 0.6353
CMYK	0.18, 0.00, 0.57, 0.16
HSL	79°, 60%, 60%
HSV	79°, 57%, 84%
XYZ	44.4077, 58.7383, 19.3530
YIQ	189.7300, 16.5140, -45.9980

Conversions

Conversions Part 2

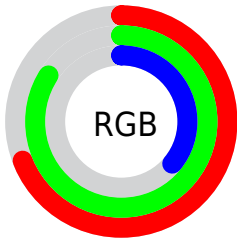
Format	Color
RYB	93, 215, 131
Decimal	11655005
CIELab	81.15, -30.76, 55.05
CIELCh	81, 63.057, 119.196
Yxy	58.7383, 0.3625, 0.4795
Android (android.graphics.Color)	4289845085 (0xFFB1D75D)
YUV	189.7300, -47.6879, -11.1642
Hunter-Lab	76.6409, -30.6942, 38.6770

Details

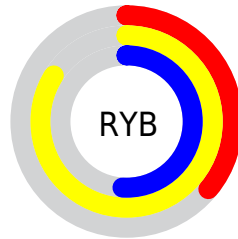
The Hex color **B1D75D** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **835DD7**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **EBFF93**, and **79A026** is the 20% darker color. If you saturate the color by 10%, you get **AAD747**, and if you desaturate by 10%, it is **B8D772**.

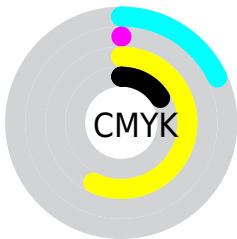
Distribution



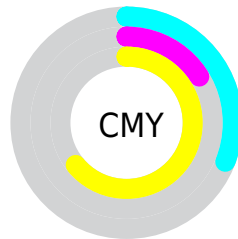
- Red (69%)
- Green (84%)
- Blue (36%)



- Red (36%)
- Yellow (84%)
- Blue (51%)



- Cyan (18%)
- Magenta (0%)
- Yellow (57%)
- Black (16%)



- Cyan (31%)
- Magenta (16%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1D75D 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 B1D75D by changing the saturation by 10% instead.

 B1D75D

 B1D75D

FFFFFF

 95BB42

 EBFF93

 79A026

 FFFFAF

 5E8600


 FFFFEB


 446C00

 FFFFEB

 2A5400

 093C00

 002700

 000800

 000000

 B1D75D

 B1D75D

 AAD747

 B8D772

 A4D732

 BED788

 9DD71C

 C5D79E

 96D707

 CCD7B3

 94D700

 D2D7C9

 D9D7DE

 E0D7F3

 E7D7FF

 EDD7FF

Harmonies

Analogous

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



ECC64E



B1D75D



62E28B

Triad

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



B1D75D



00DFFF



FF96CE

Complementary

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



B1D75D



835DD7

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.



FFA3FF



B1D75D



47D0FF

Square

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



B1D75D



00E6FF



C9BBFF



FF9C93

Rectangle

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



B1D75D



00E6B1



C9BBFF



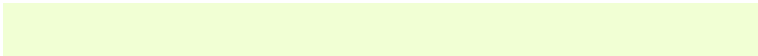
FF98E1

Sweetspot

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



B1D75D



F1FFD4



D7825D



788066



000000



808080

Same Dimension

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



B1D75D



C9FF52



75D75D



686B60



76AB00



1E2B00

Inverse Universe

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



835DD7



8852FF



BF5DD7



64606B



3500AB



0E002B

Previews

White Background



This preview shows how the Hex color B1D75D looks on a white background.

Color Contrast Check

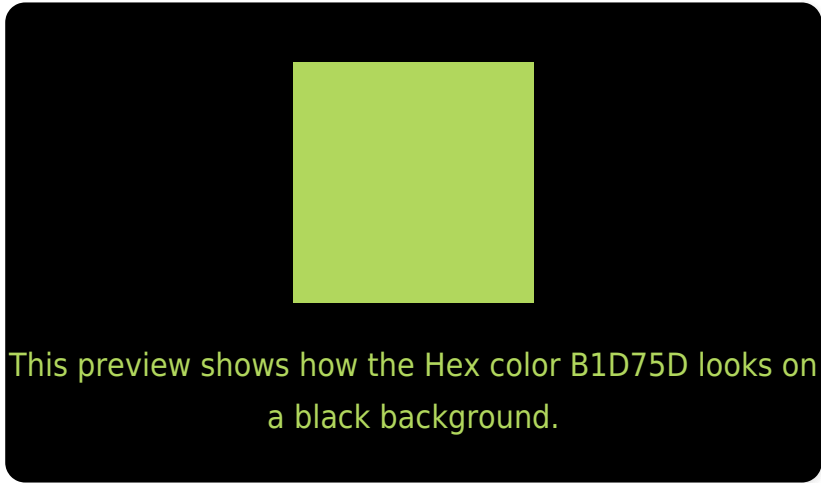
Large Text (above 18pt) WCAG AA × Fail

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 B1D75D Background



This preview shows how black text looks on a background with the Hex color B1D75D.

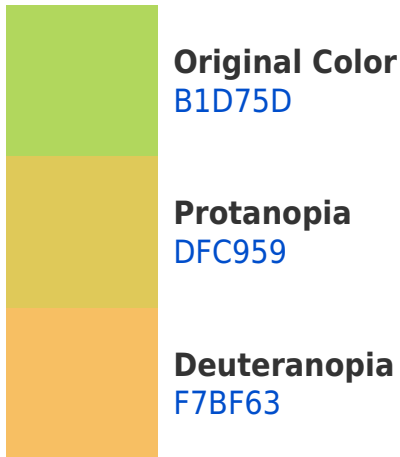


This preview shows how white text looks on a background with the Hex color B1D75D.

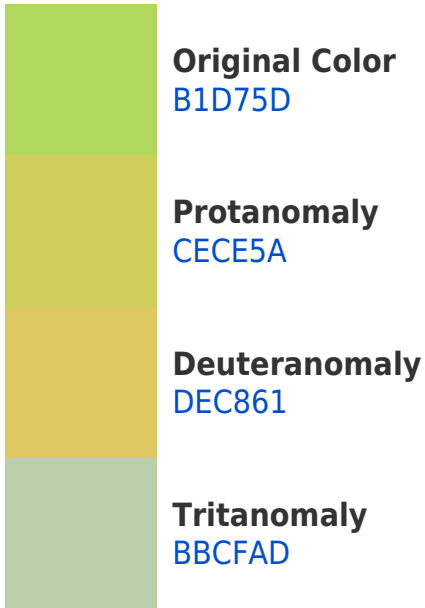
Color Blindness Simulation

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 B1D75D 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 #B1D75D looks like.

```
.text, #text, p{  
    color:#B1D75D  
}
```

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 #B1D75D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1D75D
}
```

Border

The CSS property to change the border of an element to Hex B1D75D 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
#B1D75D }
```

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

```
.border{ border-color:#B1D75D }
```

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

Here you see how a box with a 4 pixel #B1D75D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1D75D; -webkit-box-shadow:4px 4px  
4px 4px #B1D75D; box-shadow:4px 4px 4px  
4px #B1D75D }
```

Background

The CSS property to change the background color of an element to Hex B1D75D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1D75D }
```

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

```
.background{ background-color:#B1D75D }
```

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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