

Converting Colors

Hex(B1D05D)

Have a look what the booklet for
Hex(B1D05D) contains.

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Color

Hex(B1D05D)

Conversions

Conversions Part 1

Format	Color
Hex	B1D05D
RGB	177, 208, 93
RGB Percent	69%, 82%, 36%
CMY	0.3059, 0.1843, 0.6353
CMYK	0.15, 0.00, 0.55, 0.18
HSL	76°, 55%, 59%
HSV	76°, 55%, 82%
XYZ	42.6631, 55.2492, 18.7715
YIQ	185.6210, 18.4390, -42.3370

Conversions

Conversions Part 2

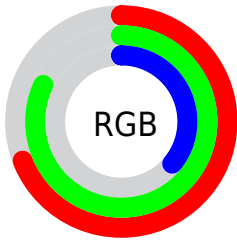
Format	Color
RYB	93, 208, 124
Decimal	11653213
CIELab	79.18, -27.45, 52.80
CIElCh	79, 59.507, 117.467
Yxy	55.2492, 0.3656, 0.4735
Android (android.graphics.Color)	4289843293 (0xFFB1D05D)
YUV	185.6210, -45.6622, -7.5606
Hunter-Lab	74.3298, -27.6234, 37.0576

Details

The Hex color **B1D05D** 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 **7C5DD0**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **EBFF93**, and **7A9A28** is the 20% darker color. If you saturate the color by 10%, you get **ABD048**, and if you desaturate by 10%, it is **B7D072**.

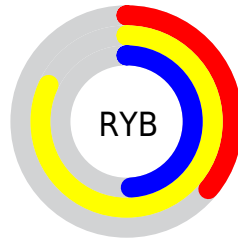
Distribution



Red (69%)

Green (82%)

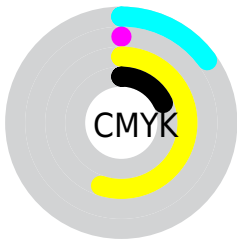
Blue (36%)



Red (36%)

Yellow (82%)

Blue (49%)

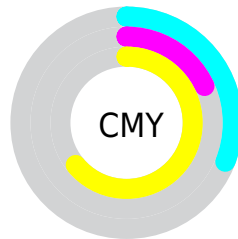


Cyan (15%)

Magenta (0%)

Yellow (55%)

Black (18%)



Cyan (31%)

Magenta (18%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1D05D 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 B1D05D by changing the saturation by 10% instead.

 B1D05D

 B1D05D

FFFFFF

 95B443

 EBFF93

 7A9A28

 FFFFFAE

 5F7F04

 FFFFFCA

 456600

 FFFFFE7

 2B4E00

 0E3700

 002200

 000000

 B1D05D

 B1D05D

 ABD048

 B7D072

 A6D033

 BCD087

 A0D01F

 C2D09B

 9BD00A

 C7D0B0

 98D000

 CDD0C5

 D3D0DA

 D8D0EF

 DED0FF

 E3D0FF

Harmonies

Analogous

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



E8C051



B1D05D



6ADB86

Triad

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



B1D05D



00D9FF



FF95CB

Complementary

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



B1D05D



7C5DD0

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.



FFA2FF



B1D05D



46CBFF

Square

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



B1D05D



00DFF6



C0B7FF



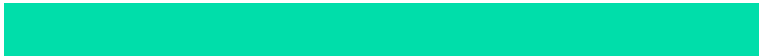
FF9994

Rectangle

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



B1D05D



00DEAA



C0B7FF



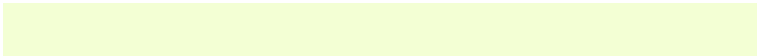
FF97DE

Sweetspot

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



B1D05D



F3FFD4



D07C5D



798066



000000



808080

Same Dimension

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



B1D05D



D2FF57



78D05D



66695E



7BA800



1E2900

Inverse Universe

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



7C5DD0



8457FF



B55DD0



615E69



2D00A8



0B0029

Previews

White Background



This preview shows how the Hex color B1D05D looks on a white background.

Color Contrast Check

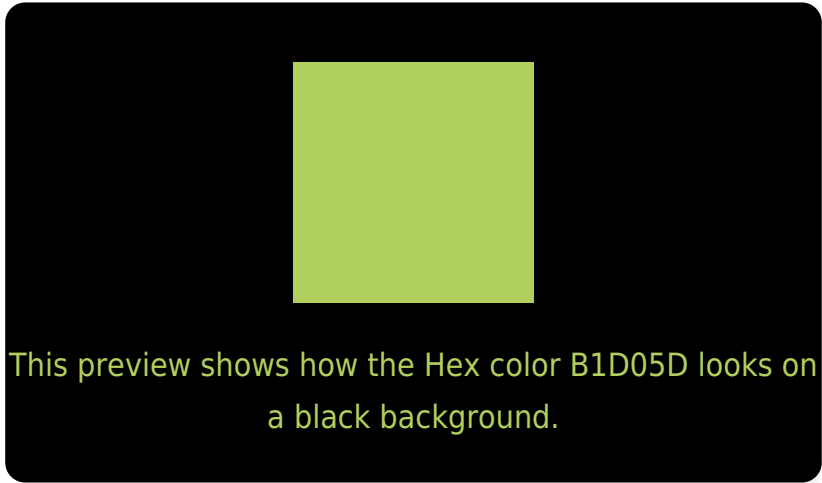
Large Text (above 18pt) WCAG AA × Fail

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 B1D05D Background



This preview shows how black text looks on a background with the Hex color B1D05D.

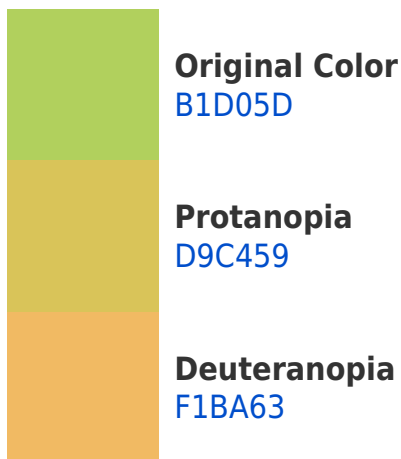


This preview shows how white text looks on a background with the Hex color B1D05D.

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](#).

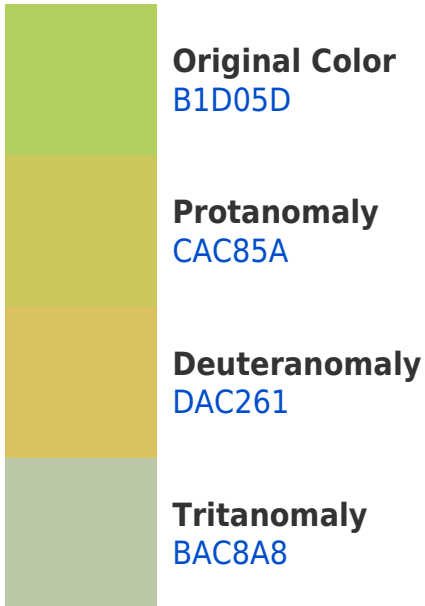
Dichromacy





Tritanopia
BFC4D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1D05D 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 #B1D05D looks like.

```
.text, #text, p{  
    color:#B1D05D  
}
```

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 #B1D05D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1D05D  
}
```

Border

The CSS property to change the border of an element to Hex B1D05D 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  
#B1D05D }
```

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

```
.border{ border-color:#B1D05D }
```

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

Here you see how a box with a 4 pixel #B1D05D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1D05D; -webkit-box-shadow:4px 4px  
4px 4px #B1D05D; box-shadow:4px 4px 4px  
4px #B1D05D }
```

Background

The CSS property to change the background color of an element to Hex B1D05D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1D05D }
```

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

```
.background{ background-color:#B1D05D }
```

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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