

Converting Colors

Hex(B1C76D)

Have a look what the booklet for
Hex(B1C76D) contains.

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Color

Hex(B1C76D)

Conversions

Conversions Part 1

Format	Color
Hex	B1C76D
RGB	177, 199, 109
RGB Percent	69%, 78%, 43%
CMY	0.3059, 0.2196, 0.5725
CMYK	0.11, 0.00, 0.45, 0.22
HSL	75°, 45%, 60%
HSV	75°, 45%, 78%
XYZ	41.3152, 51.2981, 22.1920
YIQ	182.1620, 15.7780, -32.6540

Conversions

Conversions Part 2

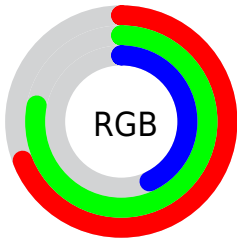
Format	Color
RYB	109, 199, 131
Decimal	11650925
CIELab	76.86, -21.50, 42.40
CIELCh	77, 47.541, 116.885
Yxy	51.2981, 0.3599, 0.4468
Android (android.graphics.Color)	4289841005 (0xFFB1C76D)
YUV	182.1620, -36.0689, -4.5271
Hunter-Lab	71.6227, -22.3728, 31.7651

Details

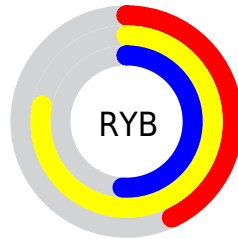
The Hex color **B1C76D** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **836DC7**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **EAFFA2**, and **7B913A** is the 20% darker color. If you saturate the color by 10%, you get **ACC759**, and if you desaturate by 10%, it is **B6C781**.

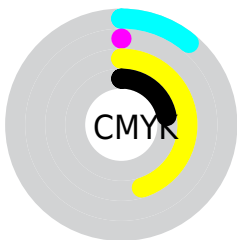
Distribution



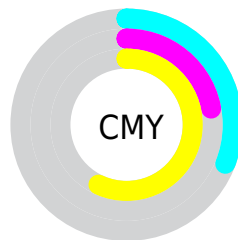
- Red (69%)
- Green (78%)
- Blue (43%)



- Red (43%)
- Yellow (78%)
- Blue (51%)



- Cyan (11%)
- Magenta (0%)
- Yellow (45%)
- Black (22%)



- Cyan (31%)
- Magenta (22%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1C76D 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 B1C76D by changing the saturation by 10% instead.

 B1C76D

 B1C76D

FFFFFF

 96AC53

 EAFFA2

 7B913A

 FFFFBE

 617721

 FFFFDA

 475F04

 FFFFF7

 2F4700

 163000

 001D00

 000000

 B1C76D

 B1C76D

 ACC759

 B6C781

 A7C745

 BBC795

 A2C731

 C0C7A9

 9EC71D

 C4C7BD

 99C70A

 C9C7D1

 96C700

 CEC7E4

 D3C7F8

 D8C7FF

 DDC7FF

Harmonies

Analogous

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



DDBA64



B1C76D



7CD08C

Triad

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



B1C76D



00CFFF



FF9AC4

Complementary

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



B1C76D



836DC7

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.



F0A4EE



B1C76D



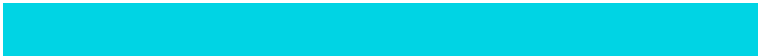
6DC4FF

Square

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



B1C76D



00D4E4



BBB4FF



FF9D98

Rectangle

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



B1C76D



4FD3A8



BBB4FF



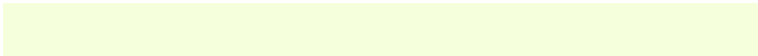
FF9CD3

Sweetspot

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



B1C76D



F6FFDB



C7826D



7A806A



000000



808080

Same Dimension

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



B1C76D



Ddff75



85C76D



61635A



7BA300



1B2400

Inverse Universe

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



836DC7



9775FF



AF6DC7



5C5A63



2800A3



090024

Previews

White Background



This preview shows how the Hex color B1C76D 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 B1C76D 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 B1C76D Background



This preview shows how black text looks on a background with the Hex color B1C76D.

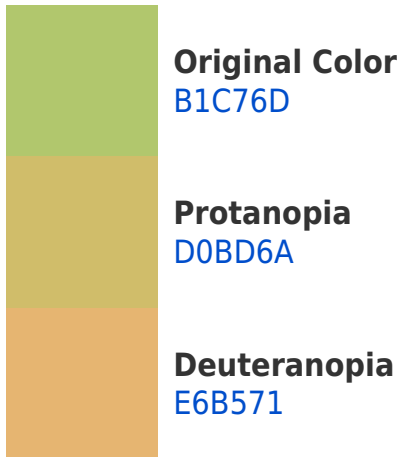


This preview shows how white text looks on a background with the Hex color B1C76D.

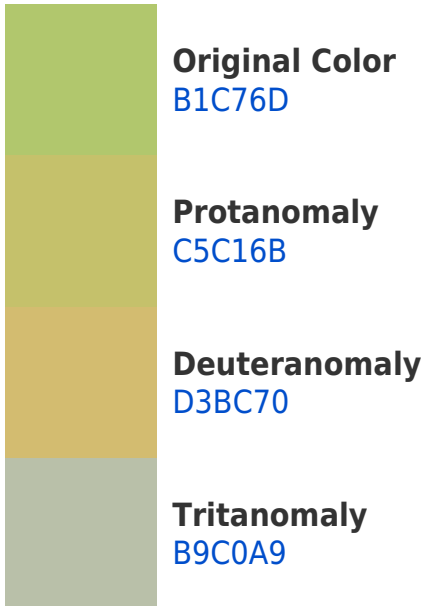
Color Blindness Simulation

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](#).

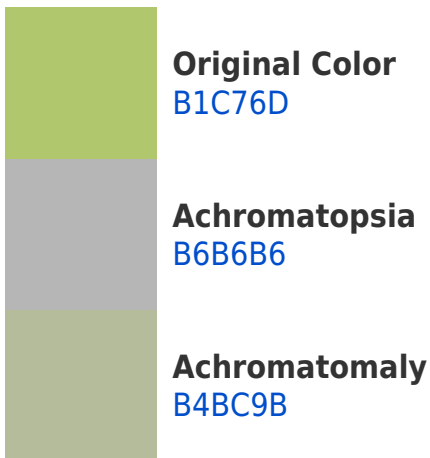
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1C76D 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 #B1C76D looks like.

```
.text, #text, p{  
    color:#B1C76D  
}
```

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 #B1C76D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1C76D
}
```

Border

The CSS property to change the border of an element to Hex B1C76D 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
#B1C76D }
```

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

```
.border{ border-color:#B1C76D }
```

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

Here you see how a box with a 4 pixel #B1C76D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1C76D; -webkit-box-shadow:4px 4px  
4px 4px #B1C76D; box-shadow:4px 4px 4px  
4px #B1C76D }
```

Background

The CSS property to change the background color of an element to Hex B1C76D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1C76D }
```

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

```
.background{ background-color:#B1C76D }
```

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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