

Converting Colors

Hex(B1C157)

Have a look what the booklet for
Hex(B1C157) contains.

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Color

Hex(B1C157)

Conversions

Conversions Part 1

Format	Color
Hex	B1C157
RGB	177, 193, 87
RGB Percent	69%, 76%, 34%
CMY	0.3059, 0.2431, 0.6588
CMYK	0.08, 0.00, 0.55, 0.24
HSL	69°, 46%, 55%
HSV	69°, 55%, 76%
XYZ	38.9217, 48.1752, 16.2642
YIQ	176.1320, 24.4900, -36.3580

Conversions

Conversions Part 2

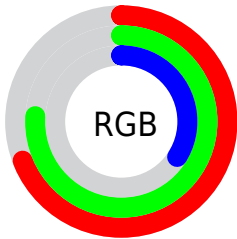
Format	Color
RYB	87, 193, 103
Decimal	11649367
CIELab	74.94, -20.67, 50.67
CIELCh	75, 54.720, 112.189
Yxy	48.1752, 0.3766, 0.4661
Android (android.graphics.Color)	4289839447 (0xFFB1C157)
YUV	176.1320, -43.9421, 0.7612
Hunter-Lab	69.4083, -21.3681, 34.6926

Details

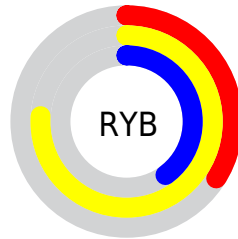
The Hex color **B1C157** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **6757C1**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **EAF98C**, and **7A8C22** is the 20% darker color. If you saturate the color by 10%, you get **AEC144**, and if you desaturate by 10%, it is **B4C16A**.

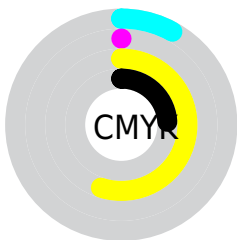
Distribution



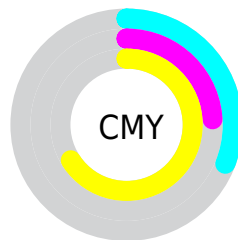
- Red (69%)
- Green (76%)
- Blue (34%)



- Red (34%)
- Yellow (76%)
- Blue (40%)



- Cyan (8%)
- Magenta (0%)
- Yellow (55%)
- Black (24%)



- Cyan (31%)
- Magenta (24%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1C157 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 B1C157 by changing the saturation by 10% instead.



B1C157



B1C157

FFFFFF



95A63D



EAF98C



7A8C22



FFFFA7



5F7200



FFFFC3



455A00



FFFFE0



2C4200

FFFFFFD



122C00



001A00



000000



B1C157



B1C157

 AEC144

 B4C16A

 ABC130

 B7C17E

 A8C11D

 BAC191

 A5C10A

 BDC1A4

 A4C100

 C0C1B8

 C2C1CB

 C5C1DE

 C8C1F1

 CBC1FF

Harmonies

Analogous

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



E1B152



B1C157



75CC78

Triad

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



B1C157



00CDFE



FF8FC8

Complementary

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



B1C157



6757C1

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.



EA9DF7



B1C157



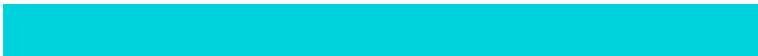
2AC2FF

Square

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



B1C157



00D2DD



A7B0FF



FF9095

Rectangle

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



B1C157



39D098



A7B0FF



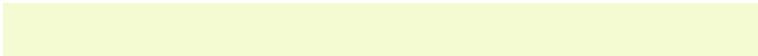
FF92D9

Sweetspot

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



B1C157



F4FAD2



C16757



797D65



FCFCFC



7D7D7D

Same Dimension

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



B1C157



E1FA55



7CC157



5F6157



88A100



1C2100

Inverse Universe

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



6757C1



6E55FA



9C57C1



595761



1800A1



050021

Previews

White Background



This preview shows how the Hex color B1C157 looks on a white background.

Color Contrast Check

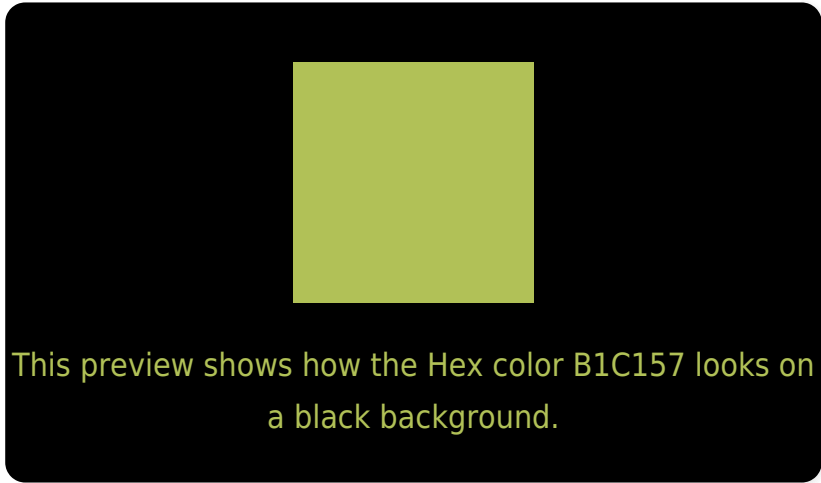
Large Text (above 18pt) WCAG AA × Fail

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 B1C157 Background



This preview shows how black text looks on a background with the Hex color B1C157.

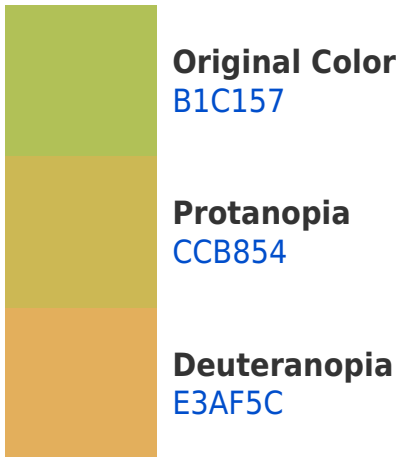


This preview shows how white text looks on a background with the Hex color B1C157.

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](#).

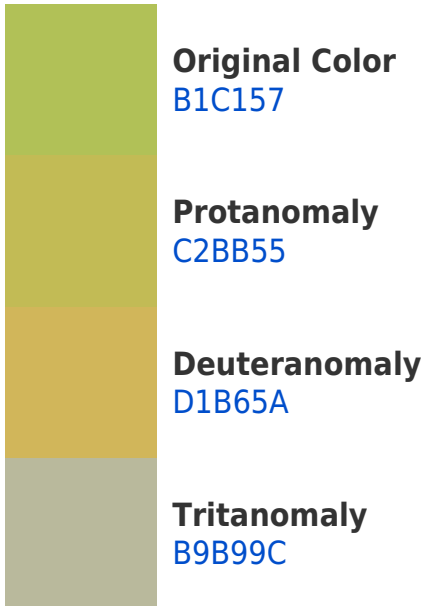
Dichromacy





Tritanopia
BDB5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1C157 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 #B1C157 looks like.

```
.text, #text, p{  
    color:#B1C157  
}
```

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 #B1C157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1C157
}
```

Border

The CSS property to change the border of an element to Hex B1C157 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
#B1C157 }
```

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

```
.border{ border-color:#B1C157 }
```

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

Here you see how a box with a 4 pixel #B1C157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1C157; -webkit-box-shadow:4px 4px  
4px 4px #B1C157; box-shadow:4px 4px 4px  
4px #B1C157 }
```

Background

The CSS property to change the background color of an element to Hex B1C157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1C157 }
```

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

```
.background{ background-color:#B1C157 }
```

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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