

Converting Colors

Hex(B5C157)

Have a look what the booklet for
Hex(B5C157) contains.

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Color

Hex(B5C157)

Conversions

Conversions Part 1

Format	Color
Hex	B5C157
RGB	181, 193, 87
RGB Percent	71%, 76%, 34%
CMY	0.2902, 0.2431, 0.6588
CMYK	0.06, 0.00, 0.55, 0.24
HSL	67°, 46%, 55%
HSV	67°, 55%, 76%
XYZ	39.8463, 48.6518, 16.3074
YIQ	177.3280, 26.8740, -35.5100

Conversions

Conversions Part 2

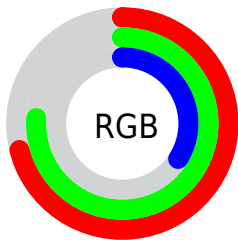
Format	Color
RYB	87, 193, 99
Decimal	11911511
CIELab	75.23, -19.04, 51.09
CIELCh	75, 54.520, 110.437
Yxy	48.6518, 0.3802, 0.4642
Android (android.graphics.Color)	4290101591 (0xFFB5C157)
YUV	177.3280, -44.5317, 3.2203
Hunter-Lab	69.7508, -20.0929, 34.9639

Details

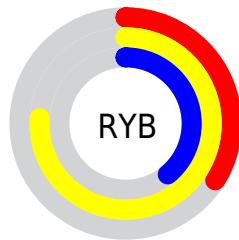
The Hex color **B5C157** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **6357C1**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **EFF98C**, and **7E8C22** is the 20% darker color. If you saturate the color by 10%, you get **B3C144**, and if you desaturate by 10%, it is **B7C16A**.

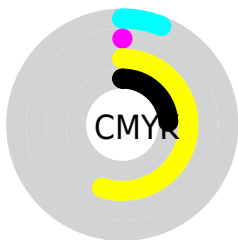
Distribution



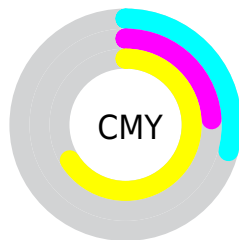
- Red (71%)
- Green (76%)
- Blue (34%)



- Red (34%)
- Yellow (76%)
- Blue (39%)



- Cyan (6%)
- Magenta (0%)
- Yellow (55%)
- Black (24%)



- Cyan (29%)
- Magenta (24%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5C157 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 B5C157 by changing the saturation by 10% instead.

 B5C157

 B5C157

FFFFFF

 99A63D

 EFF98C

 7E8C22

 FFFFA7

 637200

 FFFFC3

 495A00

 FFFFEO

 304200

FFFFFFD

 162C00

 001A00

 000000

 B5C157

 B5C157

 B3C144

 B7C16A

 B1C130

 B9C17E

 AEC11D

 BCC191

 ACC10A

 BEC1A4

 ABC100

 C0C1B8

 C2C1CB

 C4C1DE

 C6C1F1

 C9C1FF

Harmonies

Analogous

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



E5B154



B5C157



7ACC77

Triad

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



B5C157



00CEFF



FF90CC

Complementary

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



B5C157



6357C1

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.



E89FFA



B5C157



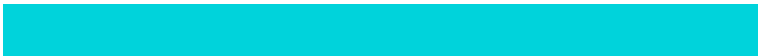
1CC3FF

Square

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



B5C157



00D3DB



A3B2FF



FF9199

Rectangle

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



B5C157



42D096



A3B2FF



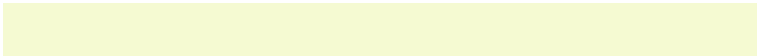
FF94DC

Sweetspot

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



B5C157



F5FAD2



C16257



7A7D65



FCFCFC



7D7D7D

Same Dimension

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



B5C157



E7FA55



81C157



606157



8EA100



1D2100

Inverse Universe

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



6357C1



6855FA



9757C1



585761



1200A1



040021

Previews

White Background



This preview shows how the Hex color B5C157 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 B5C157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

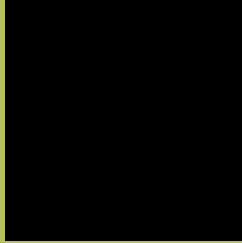
Any Text WCAG AA ✓ Pass

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 B5C157 Background



This preview shows how black text looks on a background with the Hex color B5C157.

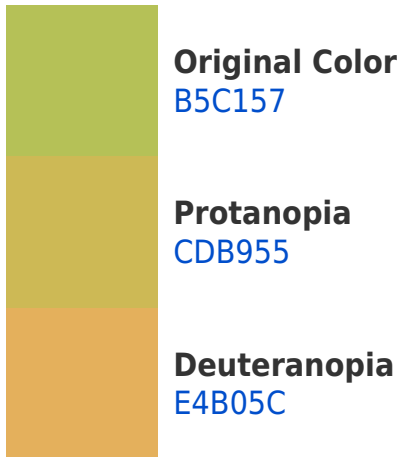


This preview shows how white text looks on a background with the Hex color B5C157.

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](#).

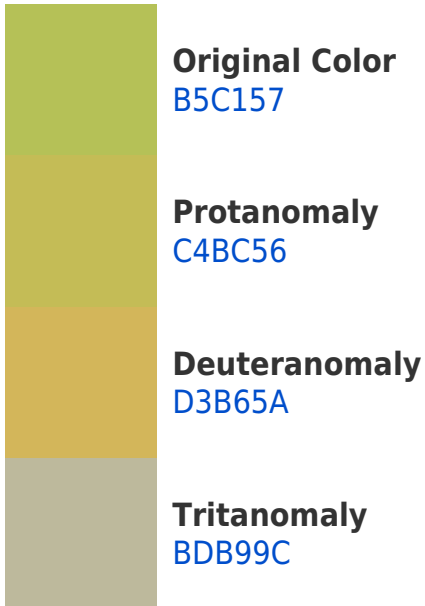
Dichromacy





Tritanopia
C1B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5C157 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 #B5C157 looks like.

```
.text, #text, p{  
    color:#B5C157  
}
```

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 #B5C157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5C157
}
```

Border

The CSS property to change the border of an element to Hex B5C157 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
#B5C157 }
```

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

```
.border{ border-color:#B5C157 }
```

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

Here you see how a box with a 4 pixel #B5C157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5C157; -webkit-box-shadow:4px 4px  
4px 4px #B5C157; box-shadow:4px 4px 4px  
4px #B5C157 }
```

Background

The CSS property to change the background color of an element to Hex B5C157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5C157 }
```

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

```
.background{ background-color:#B5C157 }
```

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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