

Converting Colors

Hex(81C15B)

Have a look what the booklet for
Hex(81C15B) contains.

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Color

Hex(81C15B)

Conversions

Conversions Part 1

Format	Color
Hex	81C15B
RGB	129, 193, 91
RGB Percent	51%, 76%, 36%
CMY	0.4941, 0.2431, 0.6431
CMYK	0.33, 0.00, 0.53, 0.24
HSL	98°, 45%, 56%
HSV	98°, 53%, 76%
XYZ	30.0116, 43.5624, 16.7241
YIQ	162.2360, -5.4020, -45.2900

Conversions

Conversions Part 2

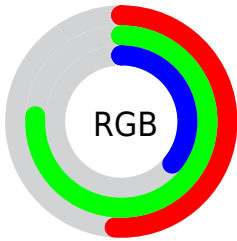
Format	Color
RYB	91, 193, 155
Decimal	8503643
CIELab	71.94, -38.55, 44.50
CIELCh	72, 58.881, 130.903
Yxy	43.5624, 0.3324, 0.4824
Android (android.graphics.Color)	4286693723 (0xFF81C15B)
YUV	162.2360, -35.1193, -29.1480
Hunter-Lab	66.0018, -34.3378, 31.1778

Details

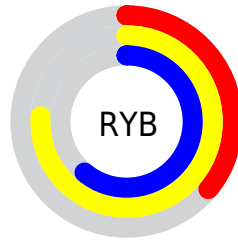
The Hex color **81C15B** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **9B5BC1**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B9FA90**, and **4B8B28** is the 20% darker color. If you saturate the color by 10%, you get **75C148**, and if you desaturate by 10%, it is **8DC16E**.

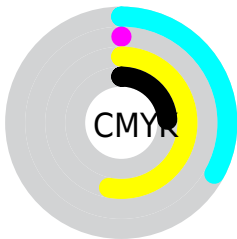
Distribution



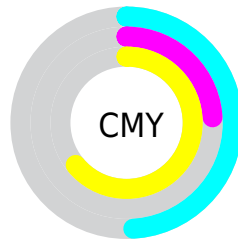
- Red (51%)
- Green (76%)
- Blue (36%)



- Red (36%)
- Yellow (76%)
- Blue (61%)



- Cyan (33%)
- Magenta (0%)
- Yellow (53%)
- Black (24%)





- Cyan (49%)
- Magenta (24%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81C15B 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 81C15B by changing the saturation by 10% instead.

 81C15B

 81C15B

FFFFFF

 66A642

 B9FA90

 4B8B28

 D5FFAB

 2F710A

 F2FFC7

 0F5800

 FFFFE3

 004000

 002A00

 000D00

 000000

 81C15B

 81C15B

 75C148

 8DC16E

 69C134

 99C182

 5DC121

 A5C195

 51C10E

 B1C1A8

 48C100

 BEC1BB

 CAC1CF

 D6C1E2

 E2C1F5

 EEC1FF

Harmonies

Analogous

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



BCB440



81C15B



13C98B

Triad

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



81C15B



00C0FF



FF819F

Complementary

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



81C15B



9B5BC1

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.



FF86D5



81C15B



73B0FF

Square

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



81C15B



00C8F5



CD9AFF



FF8D6C

Rectangle

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



81C15B



00CBB0



CD9AFF



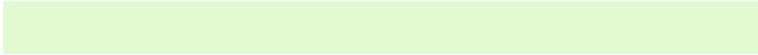
FF81B1

Sweetspot

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



81C15B



E1FAD2



C19A5B



6E7D65



FCFCFC



7D7D7D

Same Dimension

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



81C15B



97FA5C



5BC167



5B6157



3CA100



0C2100

Inverse Universe

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



9B5BC1



BF5CFA



C15BB5



5D5761



6500A1



150021

Previews

White Background



This preview shows how the Hex color 81C15B 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 81C15B 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 81C15B Background



This preview shows how black text looks on a background with the Hex color 81C15B.

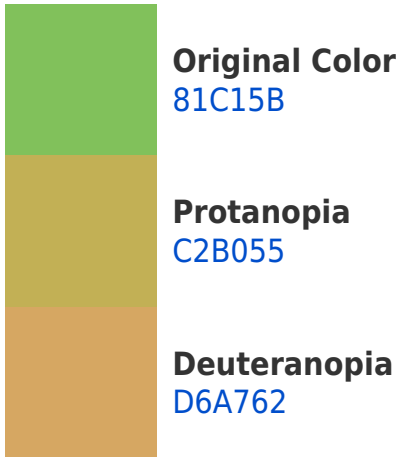


This preview shows how white text looks on a background with the Hex color 81C15B.

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](#).

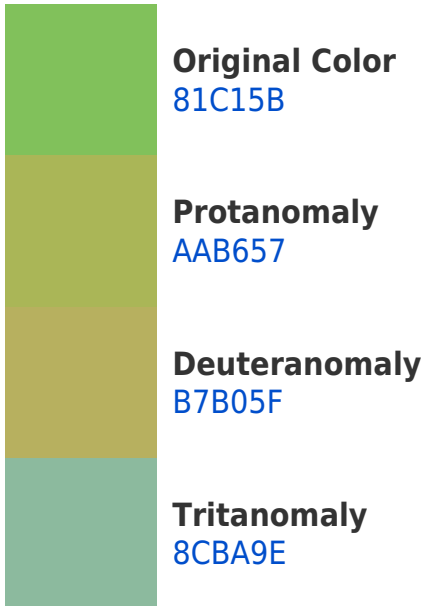
Dichromacy



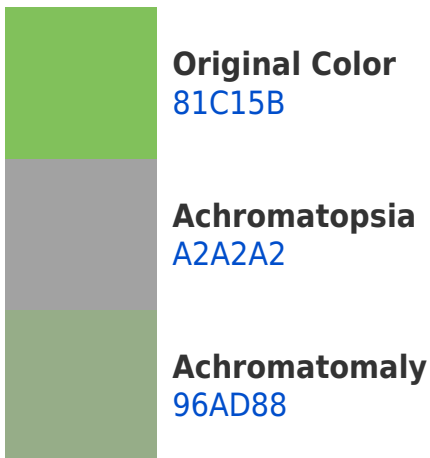


Tritanopia
92B6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81C15B 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 #81C15B looks like.

```
.text, #text, p{  
    color:#81C15B  
}
```

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 #81C15B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81C15B
}
```

Border

The CSS property to change the border of an element to Hex 81C15B 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
#81C15B }
```

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

```
.border{ border-color:#81C15B }
```

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

Here you see how a box with a 4 pixel #81C15B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81C15B; -webkit-box-shadow:4px 4px  
4px 4px #81C15B; box-shadow:4px 4px 4px  
4px #81C15B }
```

Background

The CSS property to change the background color of an element to Hex 81C15B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81C15B }
```

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

```
.background{ background-color:#81C15B }
```

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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