

Converting Colors

Hex(81C64B)

Have a look what the booklet for
Hex(81C64B) contains.

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Color

Hex(81C64B)

Conversions

Conversions Part 1

Format	Color
Hex	81C64B
RGB	129, 198, 75
RGB Percent	51%, 78%, 29%
CMY	0.4941, 0.2235, 0.7059
CMYK	0.35, 0.00, 0.62, 0.22
HSL	94°, 52%, 54%
HSV	94°, 62%, 78%
XYZ	30.5173, 45.5633, 13.8428
YIQ	163.3470, -1.6410, -52.8810

Conversions

Conversions Part 2

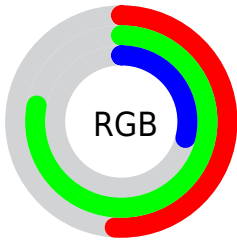
Format	Color
RYB	75, 198, 144
Decimal	8504907
CIELab	73.26, -42.37, 53.33
CIELCh	73, 68.114, 128.464
Yxy	45.5633, 0.3394, 0.5067
Android (android.graphics.Color)	4286694987 (0xFF81C64B)
YUV	163.3470, -43.5551, -30.1223
Hunter-Lab	67.5006, -37.4253, 35.0914

Details

The Hex color **81C64B** 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 **904BC6**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **BAFF80**, and **499010** is the 20% darker color. If you saturate the color by 10%, you get **76C637**, and if you desaturate by 10%, it is **8CC65F**.

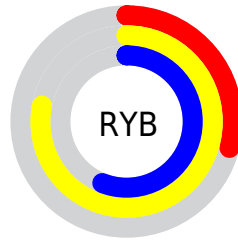
Distribution



Red (51%)

Green (78%)

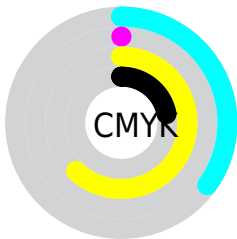
Blue (29%)



Red (29%)

Yellow (78%)

Blue (56%)

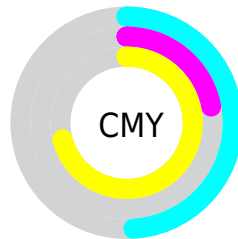


Cyan (35%)

Magenta (0%)

Yellow (62%)

Black (22%)



Cyan (49%)

Magenta (22%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81C64B 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 81C64B by changing the saturation by 10% instead.

 81C64B

 81C64B

FFFFFF

 65AA30

 BAFF80

 499010

 D6FF9C

 2C7500

 F4FFB8

 065C00

 FFFFD4

 004400

 FFFFF1

 002D00

 001400

 000000

 81C64B

 81C64B

 76C637

 8CC65F

 6BC623

 97C673

 60C610

 A2C686

 57C600

 ADC69A

 B9C6AE

 C4C6C2

 CFC6D6

 DAC6E9

 E5C6FD

Harmonies

Analogous

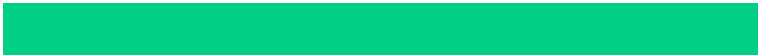
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C4B729



81C64B



00CF84

Triad

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



81C64B



00C7FF



FF79A5

Complementary

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



81C64B



904BC6

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.



FF82E3



81C64B



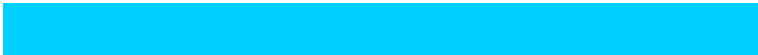
50B5FF

Square

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



81C64B



00D0FF



CE9CFF



FF8769

Rectangle

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



81C64B



00D1AF



CE9CFF



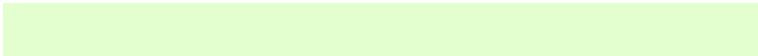
FF79BA

Sweetspot

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



81C64B



E4FFCF



C68F4B



6F8062



000000



808080

Same Dimension

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



81C64B



94FF40



4BC651



5E635A



48A300



102400

Inverse Universe

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



904BC6



AB40FF



C64BC0



5F5A63



5C00A3



140024

Previews

White Background



This preview shows how the Hex color 81C64B looks on a white background.

Color Contrast Check

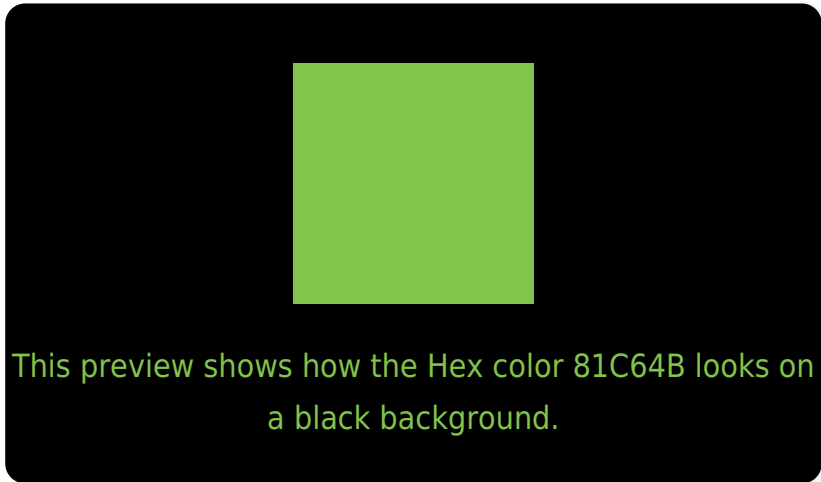
Large Text (above 18pt) WCAG AA × Fail

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 81C64B Background



This preview shows how black text looks on a background with the Hex color 81C64B.

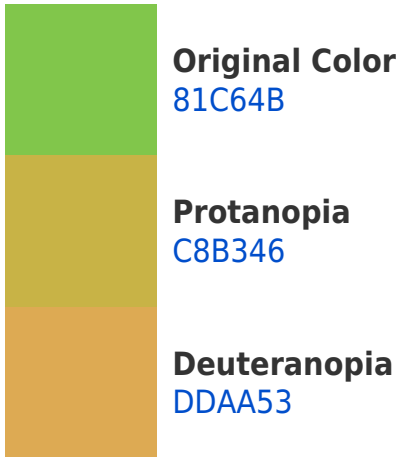


This preview shows how white text looks on a background with the Hex color 81C64B.

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](#).

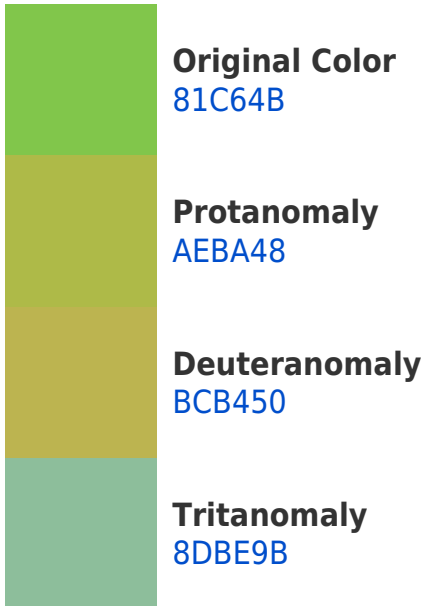
Dichromacy



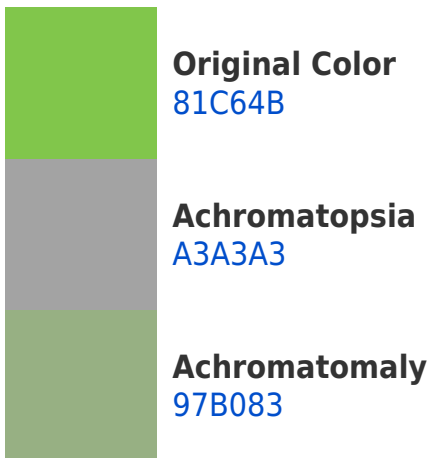


Tritanopia
94B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81C64B 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 #81C64B looks like.

```
.text, #text, p{  
    color:#81C64B  
}
```

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 #81C64B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81C64B
}
```

Border

The CSS property to change the border of an element to Hex 81C64B 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
#81C64B }
```

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

```
.border{ border-color:#81C64B }
```

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

Here you see how a box with a 4 pixel #81C64B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81C64B; -webkit-box-shadow:4px 4px  
4px 4px #81C64B; box-shadow:4px 4px 4px  
4px #81C64B }
```

Background

The CSS property to change the background color of an element to Hex 81C64B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81C64B }
```

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

```
.background{ background-color:#81C64B }
```

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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