

Converting Colors

Hex(81C548)

Have a look what the booklet for
Hex(81C548) contains.

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Color

Hex(81C548)

Conversions

Conversions Part 1

Format	Color
Hex	81C548
RGB	129, 197, 72
RGB Percent	51%, 77%, 28%
CMY	0.4941, 0.2275, 0.7176
CMYK	0.35, 0.00, 0.63, 0.23
HSL	93°, 52%, 53%
HSV	93°, 63%, 77%
XYZ	30.1892, 45.0675, 13.2387
YIQ	162.4180, -0.4030, -53.2910

Conversions

Conversions Part 2

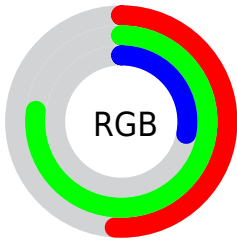
Format	Color
RYB	72, 197, 140
Decimal	8504648
CIELab	72.94, -42.20, 54.26
CIELCh	73, 68.736, 127.875
Yxy	45.0675, 0.3411, 0.5093
Android (android.graphics.Color)	4286694728 (0xFF81C548)
YUV	162.4180, -44.5761, -29.3076
Hunter-Lab	67.1323, -37.2107, 35.3005

Details

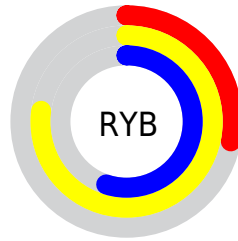
The Hex color **81C548** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **8C48C5**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **BAFE7E**, and **498F0A** is the 20% darker color. If you saturate the color by 10%, you get **76C534**, and if you desaturate by 10%, it is **8CC55C**.

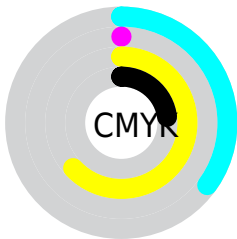
Distribution



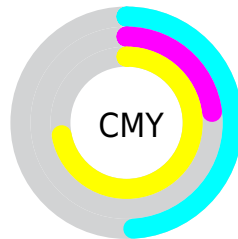
- Red (51%)
- Green (77%)
- Blue (28%)



- Red (28%)
- Yellow (77%)
- Blue (55%)



- Cyan (35%)
- Magenta (0%)
- Yellow (63%)
- Black (23%)



- Cyan (49%)
- Magenta (23%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81C548 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 81C548 by changing the saturation by 10% instead.



81C548



81C548

FFFFFF



65A92D



BAFE7E



498F0A



D7FF99



2C7500



F4FFB5



075B00



FFFFD1



004300



FFFEE



002D00



001200



000000



81C548



81C548

 76C534

 8CC55C

 6CC521

 96C56F

 61C50D

 A1C583

 5AC500

 ACC597

 B7C5AB

 C1C5BE

 CCC5D2

 D7C5E6

 E1C5F9

Harmonies

Analogous

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



C4B526



81C548



00CE81

Triad

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



81C548



00C6FF



FF77A5

Complementary

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



81C548



8C48C5

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.



FF81E4



81C548



47B5FF

Square

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



81C548



00CFFF



CB9BFF



FF8569

Rectangle

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



81C548



00D1AC



CB9BFF



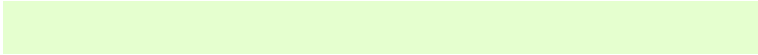
FF78BA

Sweetspot

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



81C548



E5FFCF



C58B48



708062



000000



808080

Same Dimension

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



81C548



96FF3D



48C54C



5E635A



4AA300



102400

Inverse Universe

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



8C48C5



A73DFF



C548C1



5F5A63



5900A3



130024

Previews

White Background



This preview shows how the Hex color 81C548 looks on a white background.

Color Contrast Check

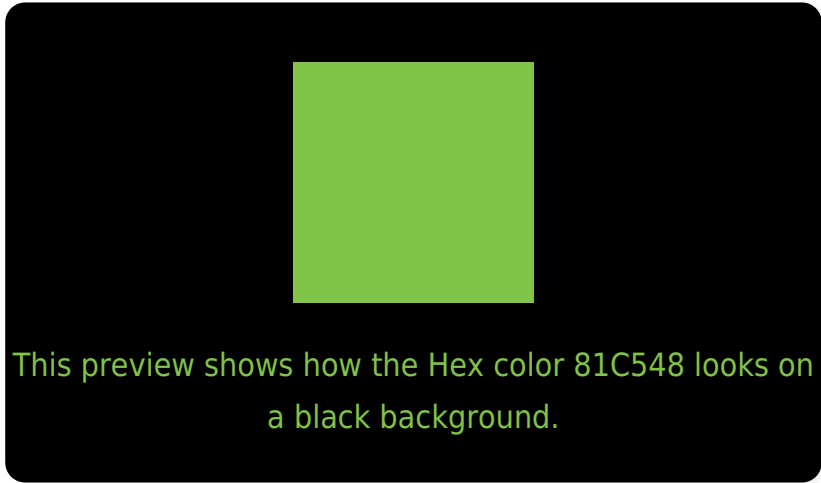
Large Text (above 18pt) WCAG AA × Fail

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 81C548 Background



This preview shows how black text looks on a background with the Hex color 81C548.

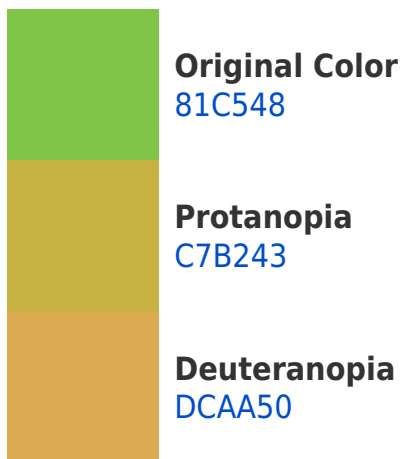


This preview shows how white text looks on a background with the Hex color 81C548.

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](#).

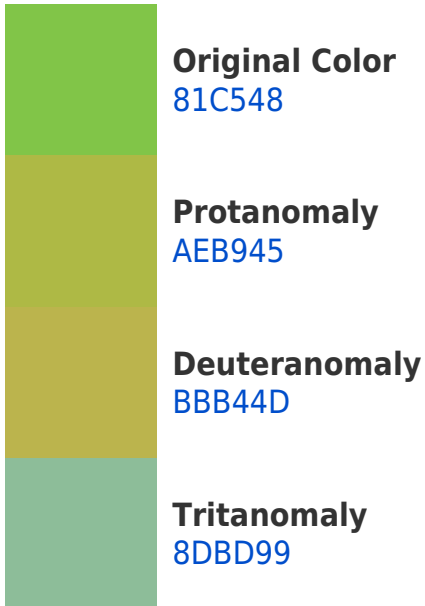
Dichromacy



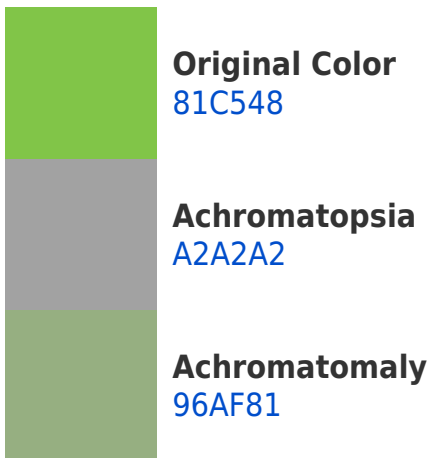


Tritanopia
94B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81C548 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 #81C548 looks like.

```
.text, #text, p{  
    color:#81C548  
}
```

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 #81C548 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81C548
}
```

Border

The CSS property to change the border of an element to Hex 81C548 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
#81C548 }
```

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

```
.border{ border-color:#81C548 }
```

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

Here you see how a box with a 4 pixel #81C548 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81C548; -webkit-box-shadow:4px 4px  
4px 4px #81C548; box-shadow:4px 4px 4px  
4px #81C548 }
```

Background

The CSS property to change the background color of an element to Hex 81C548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81C548 }
```

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

```
.background{ background-color:#81C548 }
```

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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