

Converting Colors

Hex(81CC71)

Have a look what the booklet for
Hex(81CC71) contains.

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Color

Hex(81CC71)

Conversions

Conversions Part 1

Format	Color
Hex	81CC71
RGB	129, 204, 113
RGB Percent	51%, 80%, 44%
CMY	0.4941, 0.2000, 0.5569
CMYK	0.37, 0.00, 0.45, 0.20
HSL	109°, 47%, 62%
HSV	109°, 45%, 80%
XYZ	33.6268, 49.0451, 23.3171
YIQ	171.2010, -15.4890, -44.2010

Conversions

Conversions Part 2

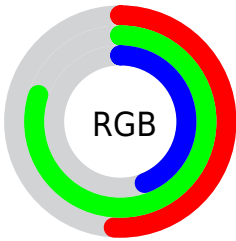
Format	Color
RYB	113, 204, 188
Decimal	8506481
CIELab	75.48, -40.68, 38.07
CIELCh	75, 55.710, 136.897
Yxy	49.0451, 0.3173, 0.4627
Android (android.graphics.Color)	4286696561 (0xFF81CC71)
YUV	171.2010, -28.6931, -37.0103
Hunter-Lab	70.0322, -36.8476, 29.2820

Details

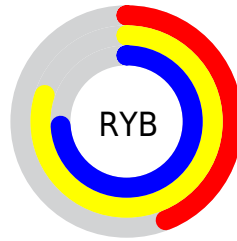
The Hex color **81CC71** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **BC71CC**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **B9FFA6**, and **4B953F** is the 20% darker color. If you saturate the color by 10%, you get **70CC5D**, and if you desaturate by 10%, it is **92CC85**.

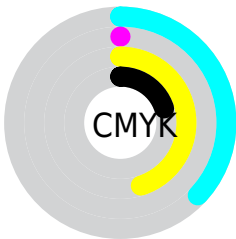
Distribution



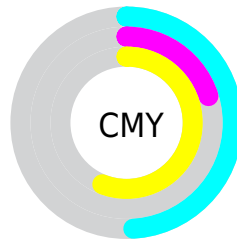
- Red (51%)
- Green (80%)
- Blue (44%)



- Red (44%)
- Yellow (80%)
- Blue (74%)



- Cyan (37%)
- Magenta (0%)
- Yellow (45%)
- Black (20%)



- Cyan (49%)
- Magenta (20%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81CC71 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 81CC71 by changing the saturation by 10% instead.

 81CC71

 81CC71

FFFFFF

 66B058

 B9FFA6

 4B953F

 D5FFC2

 2F7B26

 F3FFDE

 0B620B

 FFFFFB

 004900

 003200

 001C00

 000000

 81CC71

 81CC71

 70CC5D

 92CC85

 5FCC48

 A3CC9A

 4FCC34

 B3CCAE

 3ECC1F

 C4CCC3

 2DCC0B

 D5CCD7

 24CC00

 E6CCEB

 F7CCFF

 FFCCFF

Harmonies

Analogous

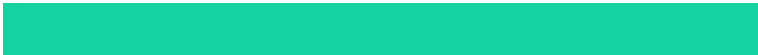
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BCC053



81CC71



15D2A1

Triad

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



81CC71



00C6FF



FF8F9F

Complementary

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



81CC71



BC71CC

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.



FF91D3



81CC71



98B5FF

Square

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



81CC71



00D0FF



E3A1FF



FF9C71

Rectangle

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



81CC71



00D4C5



E3A1FF



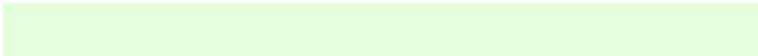
FF8EB0

Sweetspot

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



81CC71



E4FFDE



CCBB71



6F806B



000000



808080

Same Dimension

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



81CC71



8EFF75



71CC8E



5E665C



1DA600



072600

Inverse Universe

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



BC71CC



E775FF



CC71AF



645C66



8900A6



200026

Previews

White Background



This preview shows how the Hex color 81CC71 looks on a white background.

Color Contrast Check

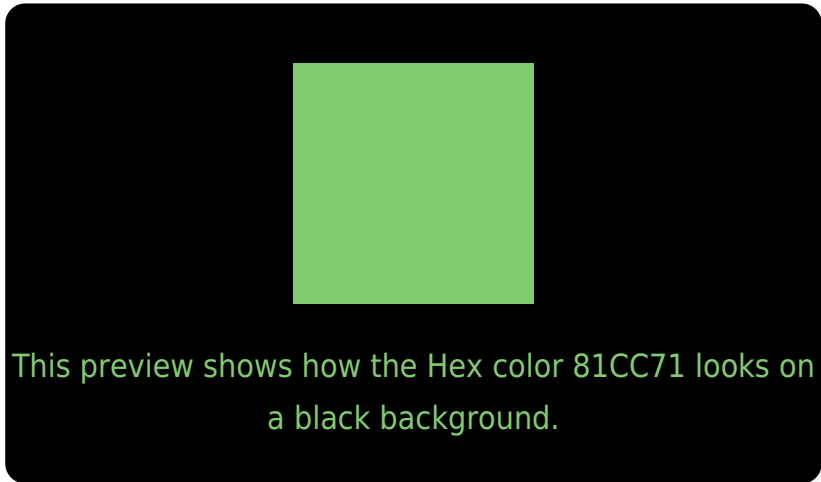
Large Text (above 18pt) WCAG AA × Fail

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 81CC71 Background



This preview shows how black text looks on a background with the Hex color 81CC71.

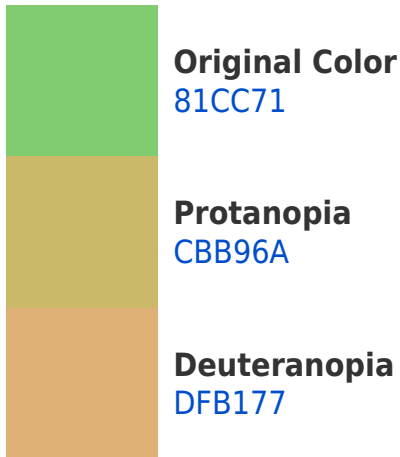


This preview shows how white text looks on a background with the Hex color 81CC71.

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](#).

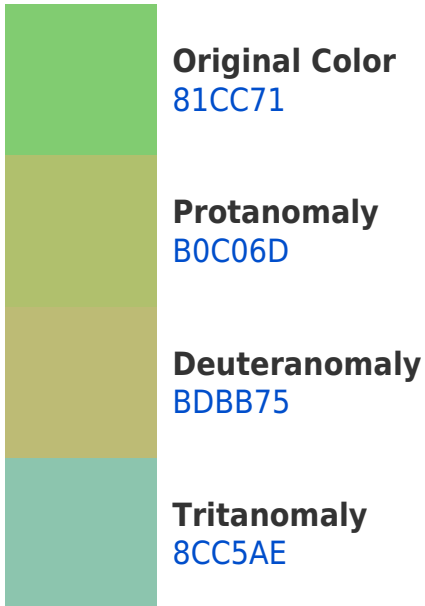
Dichromacy



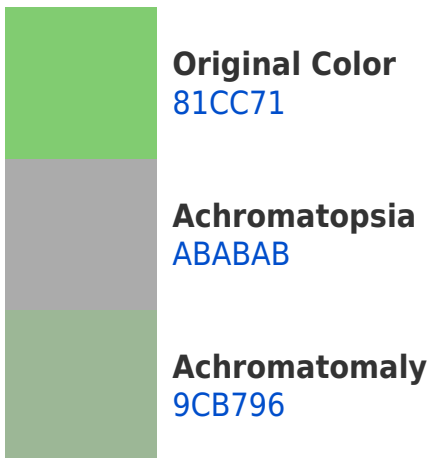


Tritanopia
92C1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81CC71 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 #81CC71 looks like.

```
.text, #text, p{  
    color:#81CC71  
}
```

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 #81CC71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81CC71
}
```

Border

The CSS property to change the border of an element to Hex 81CC71 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
#81CC71 }
```

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

```
.border{ border-color:#81CC71 }
```

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

Here you see how a box with a 4 pixel #81CC71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81CC71; -webkit-box-shadow:4px 4px  
4px 4px #81CC71; box-shadow:4px 4px 4px  
4px #81CC71 }
```

Background

The CSS property to change the background color of an element to Hex 81CC71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81CC71 }
```

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

```
.background{ background-color:#81CC71 }
```

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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