

Converting Colors

Hex(81CB75)

Have a look what the booklet for
Hex(81CB75) contains.

Hex(81CB75)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(81CB75)

Conversions

Conversions Part 1

Format	Color
Hex	81CB75
RGB	129, 203, 117
RGB Percent	51%, 80%, 46%
CMY	0.4941, 0.2039, 0.5412
CMYK	0.36, 0.00, 0.42, 0.20
HSL	112°, 45%, 63%
HSV	112°, 42%, 80%
XYZ	33.6201, 48.6634, 24.4506
YIQ	171.0700, -16.4980, -42.4340

Conversions

Conversions Part 2

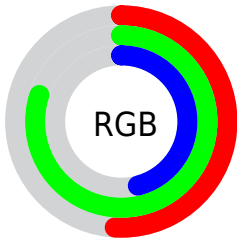
Format	Color
RYB	117, 203, 191
Decimal	8506229
CIELab	75.24, -39.67, 35.75
CIELCh	75, 53.403, 137.979
Yxy	48.6634, 0.3150, 0.4559
Android (android.graphics.Color)	4286696309 (0xFF81CB75)
YUV	171.0700, -26.6565, -36.8954
Hunter-Lab	69.7591, -36.0512, 28.0502

Details

The Hex color **81CB75** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **BF75CB**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **B9FFAA**, and **4B9443** is the 20% darker color. If you saturate the color by 10%, you get **70CB61**, and if you desaturate by 10%, it is **92CB89**.

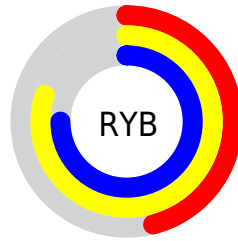
Distribution



Red (51%)

Green (80%)

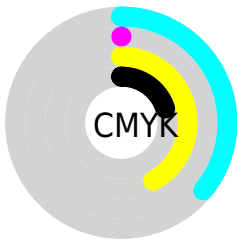
Blue (46%)



Red (46%)

Yellow (80%)

Blue (75%)

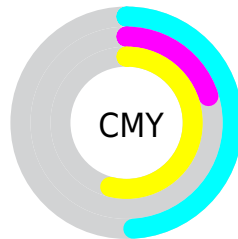


Cyan (36%)

Magenta (0%)

Yellow (42%)

Black (20%)



Cyan (49%)


Magenta (20%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81CB75 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 81CB75 by changing the saturation by 10% instead.

 81CB75

 81CB75

FFFFFF

 66AF5C

 B9FFAA

 4B9443

 D5FFC6

 2F7A2B

 F2FFE2


 0E6112

 004800

 003100

 001B00

 000000

 81CB75

 81CB75

 70CB61

 92CB89

 5ECB4C

 A4CB9E

 4DCB38

 B5CBB2

 3BCB24

 C7CBC6

 2ACB10

 D8CBDB

 1CCB00

 EACBEF

 FBCBFF

 FFCBFF

Harmonies

Analogous

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



BAC058



81CB75



24D1A3

Triad

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



81CB75



09C4FF



FF919E

Complementary

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



81CB75



BF75CB

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.



FF92CF



81CB75



9DB4FF

Square

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



81CB75



00CEFF



E2A1FC



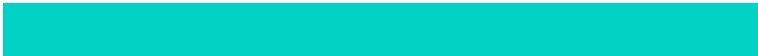
FF9E72

Rectangle

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



81CB75



00D2C5



E2A1FC



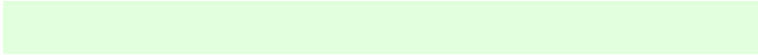
FF90AE

Sweetspot

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



81CB75



E2FFDE



CBBE75



6E806B



000000



808080

Same Dimension

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



81CB75



8FFF7D



75CB93



5D665C



17A600



052600

Inverse Universe

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



BF75CB



ED7DFF



CB75AD



655C66



8F00A6



210026

Previews

White Background



This preview shows how the Hex color 81CB75 looks on a white background.

Color Contrast Check

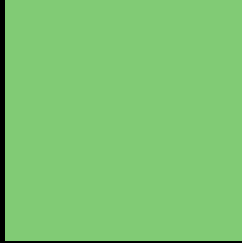
Large Text (above 18pt) WCAG AA × Fail

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 81CB75 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 81CB75 Background



This preview shows how black text looks on a background with the Hex color 81CB75.

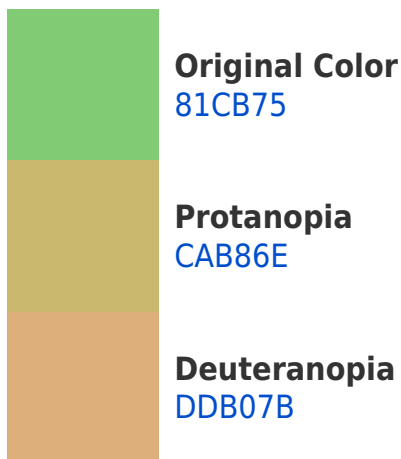


This preview shows how white text looks on a background with the Hex color 81CB75.

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](#).

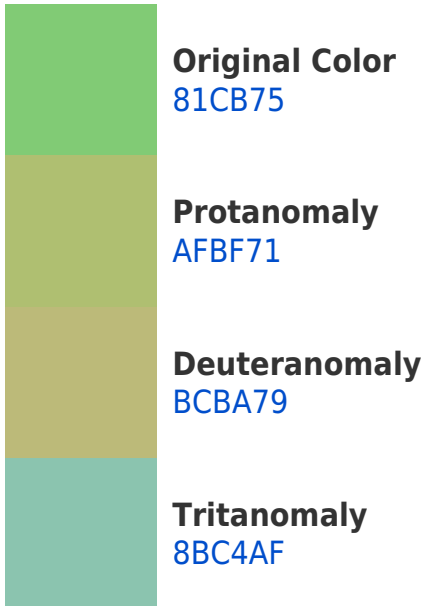
Dichromacy



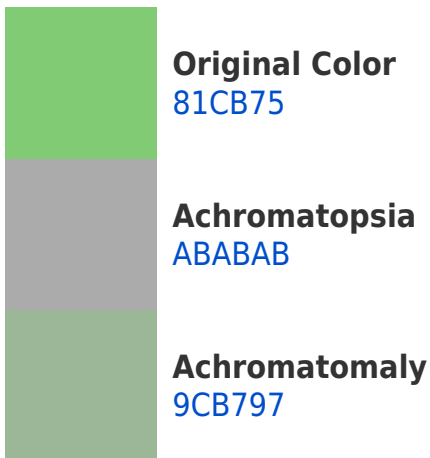


Tritanopia
91C0D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81CB75 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 #81CB75 looks like.

```
.text, #text, p{  
    color:#81CB75  
}
```

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 #81CB75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81CB75
}
```

Border

The CSS property to change the border of an element to Hex 81CB75 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
#81CB75 }
```

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

```
.border{ border-color:#81CB75 }
```

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

Here you see how a box with a 4 pixel #81CB75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81CB75; -webkit-box-shadow:4px 4px  
4px 4px #81CB75; box-shadow:4px 4px 4px  
4px #81CB75 }
```

Background

The CSS property to change the background color of an element to Hex 81CB75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81CB75 }
```

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

```
.background{ background-color:#81CB75 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor