

Converting Colors

Hex(81BD81)

Have a look what the booklet for
Hex(81BD81) contains.

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Color

Hex(81BD81)

Conversions

Conversions Part 1

Format	Color
Hex	81BD81
RGB	129, 189, 129
RGB Percent	51%, 74%, 51%
CMY	0.4941, 0.2588, 0.4941
CMYK	0.32, 0.00, 0.32, 0.26
HSL	120°, 31%, 62%
HSV	120°, 32%, 74%
XYZ	31.2133, 42.6473, 27.3555
YIQ	164.2200, -16.5000, -31.3800

Conversions

Conversions Part 2

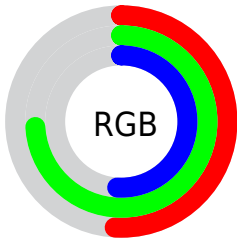
Format	Color
RYB	129, 189, 189
Decimal	8502657
CIELab	71.31, -31.40, 24.34
CIELCh	71, 39.728, 142.211
Yxy	42.6473, 0.3084, 0.4213
Android (android.graphics.Color)	4286692737 (0xFF81BD81)
YUV	164.2200, -17.3635, -30.8879
Hunter-Lab	65.3049, -28.9672, 20.8775

Details

The Hex color **81BD81** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BD81BD**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **B8F6B6**, and **4D874F** is the 20% darker color. If you saturate the color by 10%, you get **6EBD6E**, and if you desaturate by 10%, it is **94BD94**.

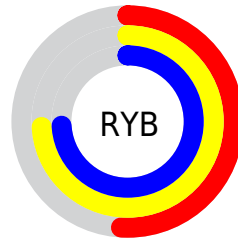
Distribution



Red (51%)

Green (74%)

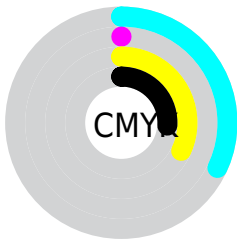
Blue (51%)



Red (51%)

Yellow (74%)

Blue (74%)

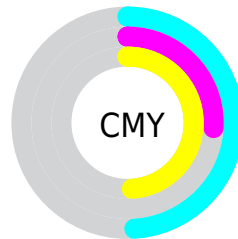


Cyan (32%)

Magenta (0%)

Yellow (32%)

Black (26%)



Cyan (49%)

Magenta (26%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81BD81 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 81BD81 by changing the saturation by 10% instead.

 81BD81

 81BD81

FFFFFF

 67A268

 B8F6B6

 4D874F

 D4FFD2

 336E38

 F1FFEE

 195521


 003D0B

 002700

 000900

 000000

 81BD81

 81BD81

 6EBD6E

 94BD94

 5BBD5B

 A7BDA7

 48BD48

 BABDBA

 35BD35

 CDBDCD

 23BD23

 E0BDE0

 10BD10

 F2BDF2

 00BD00

 FFBDFE

Harmonies

Analogous

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



ABB56A



81BD81



50C1A4

Triad

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



81BD81



68B5F6



F59495

Complementary

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



81BD81



BD81BD

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.



EE93BA



81BD81



A5A9F2

Square

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



81BD81



1ABEE7



D39CDB



E99D77

Rectangle

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



81BD81



26C2BD



D39CDB



F592A1

Sweetspot

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



81BD81



DCF5DC



BDBD81



6C7A6C



FAFAFA



7A7A7A

Same Dimension

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



81BD81



98F598



81BD9F



555E55



009E00



001F00

Inverse Universe

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



BD81BD



F598F5



BD819F



5E555E



9E009E



1F001F

Previews

White Background



This preview shows how the Hex color 81BD81 looks on a white background.

Color Contrast Check

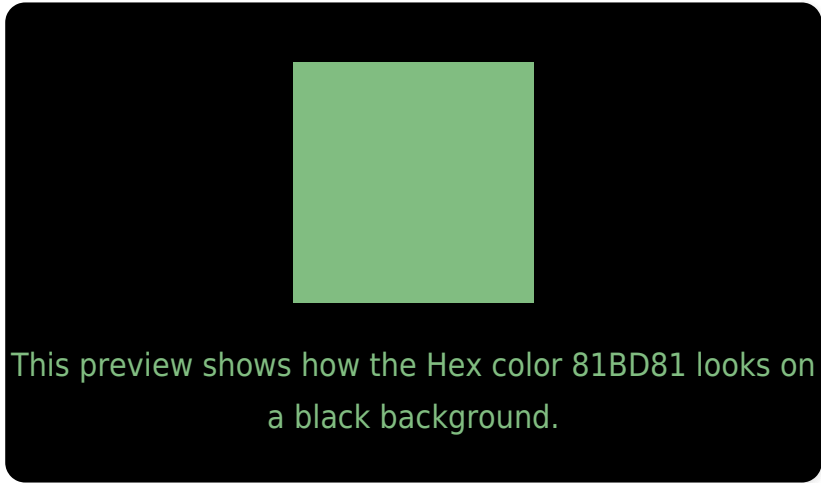
Large Text (above 18pt) WCAG AA × Fail

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

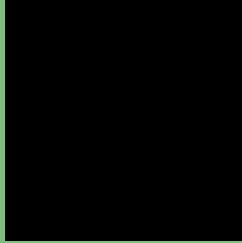
Any Text WCAG AA ✓ Pass

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 81BD81 Background



This preview shows how black text looks on a background with the Hex color 81BD81.

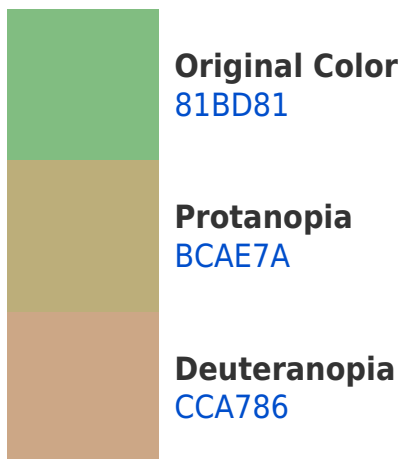


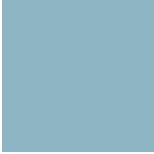
This preview shows how white text looks on a background with the Hex color 81BD81.

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](#).

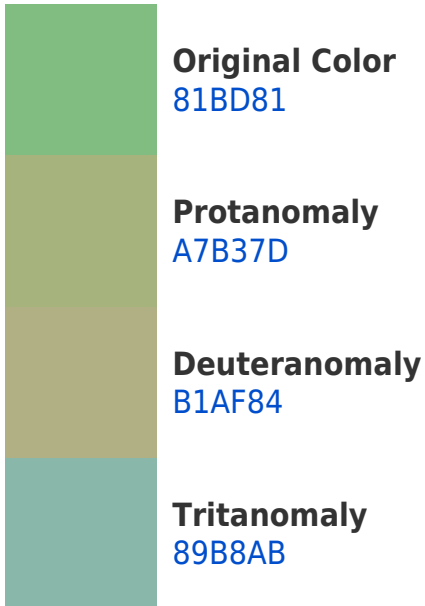
Dichromacy



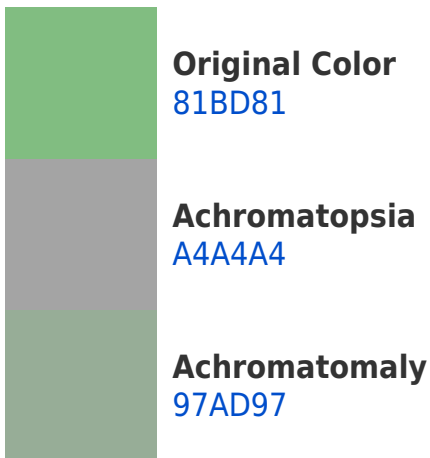


Tritanopia
8DB5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81BD81 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 #81BD81 looks like.

```
.text, #text, p{  
    color:#81BD81  
}
```

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 #81BD81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81BD81
}
```

Border

The CSS property to change the border of an element to Hex 81BD81 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
#81BD81 }
```

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

```
.border{ border-color:#81BD81 }
```

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

Here you see how a box with a 4 pixel #81BD81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81BD81; -webkit-box-shadow:4px 4px  
4px 4px #81BD81; box-shadow:4px 4px 4px  
4px #81BD81 }
```

Background

The CSS property to change the background color of an element to Hex 81BD81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81BD81 }
```

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

```
.background{ background-color:#81BD81 }
```

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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