

Converting Colors

Hex(81BD76)

Have a look what the booklet for
Hex(81BD76) contains.

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Color

Hex(81BD76)

Conversions

Conversions Part 1

Format	Color
Hex	81BD76
RGB	129, 189, 118
RGB Percent	51%, 74%, 46%
CMY	0.4941, 0.2588, 0.5373
CMYK	0.32, 0.00, 0.38, 0.26
HSL	111°, 35%, 60%
HSV	111°, 38%, 74%
XYZ	30.5209, 42.3703, 23.7092
YIQ	162.9660, -12.9690, -34.8010

Conversions

Conversions Part 2

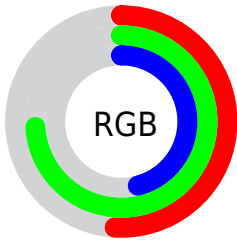
Format	Color
RYB	118, 189, 178
Decimal	8502646
CIELab	71.13, -33.15, 29.89
CIELCh	71, 44.637, 137.957
Yxy	42.3703, 0.3159, 0.4386
Android (android.graphics.Color)	4286692726 (0xFF81BD76)
YUV	162.9660, -22.1682, -29.7882
Hunter-Lab	65.0925, -30.2159, 23.9690

Details

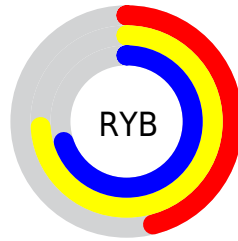
The Hex color **81BD76** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **B276BD**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B8F6AB**, and **4D8744** is the 20% darker color. If you saturate the color by 10%, you get **71BD63**, and if you desaturate by 10%, it is **91BD89**.

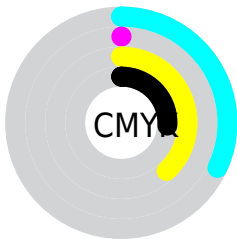
Distribution



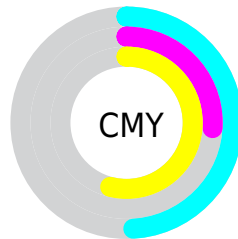
- Red (51%)
- Green (74%)
- Blue (46%)



- Red (46%)
- Yellow (74%)
- Blue (70%)



- Cyan (32%)
- Magenta (0%)
- Yellow (38%)
- Black (26%)



- Cyan (49%)
- Magenta (26%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81BD76 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 81BD76 by changing the saturation by 10% instead.

 81BD76

 81BD76

FFFFFF

 67A25D

 B8F6AB

 4D8744

 D4FFC6

 336E2D

 F1FFE3

 175516


 003D00

 002700

 000800

 000000

 81BD76

 81BD76

 71BD63

 91BD89

 61BD50

 A1BD9C

 51BD3D

 B1BDAF

 41BD2A

 C1BDC2

 31BD17

 D1BDD5

 21BD05

 E1BDE7

 1DBD00

 F1BDFA

 FFBDFE

Harmonies

Analogous

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



AFB35F



81BD76



45C29C

Triad

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



81BD76



48B7FD



FC8E97

Complementary

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



81BD76



B276BD

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.



F28FC0



81BD76



99AAFB

Square

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



81BD76



00C0E9



D19AE5



F19873

Rectangle

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



81BD76



00C3B8



D19AE5



FB8DA5

Sweetspot

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



81BD76



DEF5DA



BDB176



6D7A6A



FAFAFA



7A7A7A

Same Dimension

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



81BD76



98F587



76BD8E



565E55



189E00



051F00

Inverse Universe

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



B276BD



E487F5



BD76A5



5D555E



86009E



1A001F

Previews

White Background



This preview shows how the Hex color 81BD76 looks on a white background.

Color Contrast Check

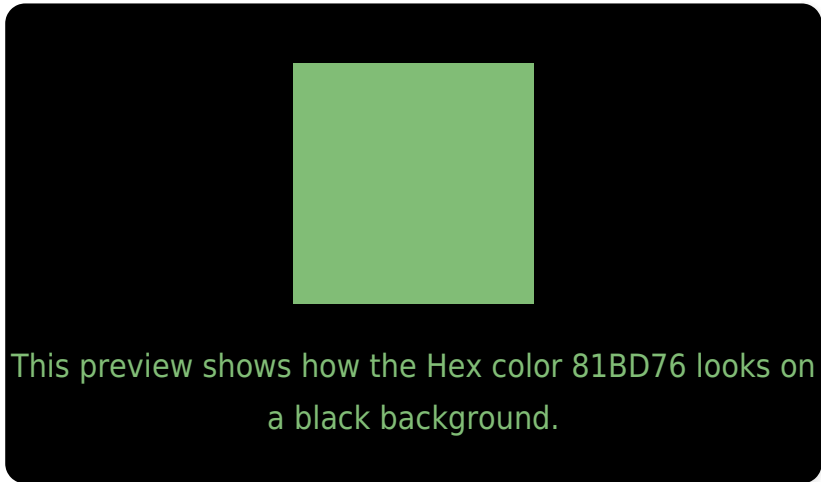
Large Text (above 18pt) WCAG AA × Fail

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 81BD76 Background



This preview shows how black text looks on a background with the Hex color 81BD76.

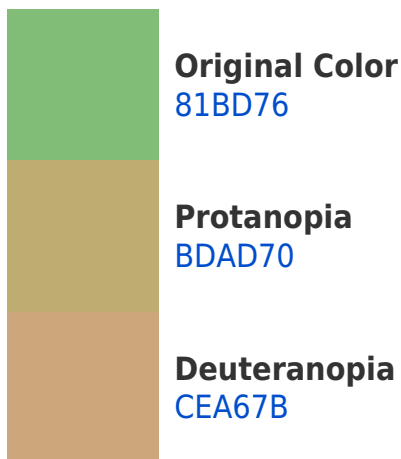


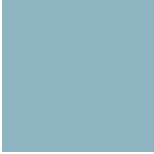
This preview shows how white text looks on a background with the Hex color 81BD76.

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](#).

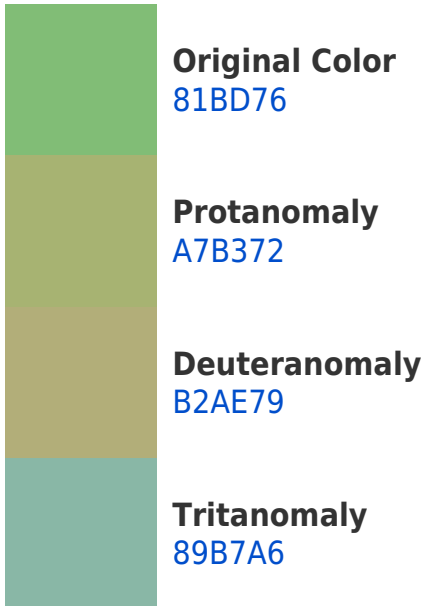
Dichromacy



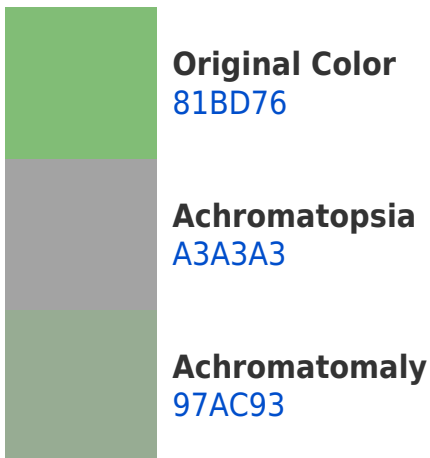


Tritanopia
8EB4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81BD76 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 #81BD76 looks like.

```
.text, #text, p{  
    color:#81BD76  
}
```

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 #81BD76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81BD76
}
```

Border

The CSS property to change the border of an element to Hex 81BD76 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
#81BD76 }
```

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

```
.border{ border-color:#81BD76 }
```

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

Here you see how a box with a 4 pixel #81BD76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81BD76; -webkit-box-shadow:4px 4px  
4px 4px #81BD76; box-shadow:4px 4px 4px  
4px #81BD76 }
```

Background

The CSS property to change the background color of an element to Hex 81BD76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81BD76 }
```

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

```
.background{ background-color:#81BD76 }
```

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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