

Converting Colors

Hex(81BC46)

Have a look what the booklet for
Hex(81BC46) contains.

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Color

Hex(81BC46)

Conversions

Conversions Part 1

Format	Color
Hex	81BC46
RGB	129, 188, 70
RGB Percent	51%, 74%, 27%
CMY	0.4941, 0.2627, 0.7255
CMYK	0.31, 0.00, 0.63, 0.26
HSL	90°, 47%, 51%
HSV	90°, 63%, 74%
XYZ	28.1420, 41.0758, 12.2395
YIQ	156.9070, 2.7140, -49.2060

Conversions

Conversions Part 2

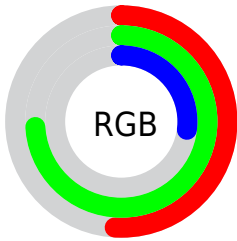
Format	Color
RYB	70, 188, 129
Decimal	8502342
CIELab	70.23, -38.42, 52.15
CIElCh	70, 64.774, 126.383
Yxy	41.0758, 0.3455, 0.5043
Android (android.graphics.Color)	4286692422 (0xFF81BC46)
YUV	156.9070, -42.8452, -24.4744
Hunter-Lab	64.0904, -33.7791, 33.5405

Details

The Hex color **81BC46** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8146BC**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B9F57B**, and **4A8609** is the 20% darker color. If you saturate the color by 10%, you get **78BC33**, and if you desaturate by 10%, it is **8ABC59**.

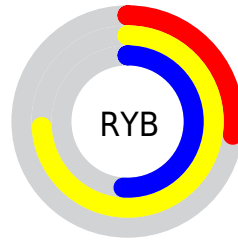
Distribution



Red (51%)

Green (74%)

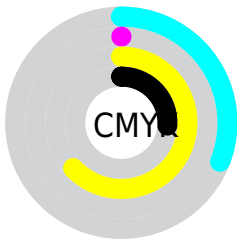
Blue (27%)



Red (27%)

Yellow (74%)

Blue (51%)

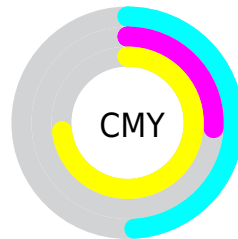


Cyan (31%)

Magenta (0%)

Yellow (63%)

Black (26%)



Cyan (49%)

Magenta (26%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81BC46 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 81BC46 by changing the saturation by 10% instead.



81BC46



81BC46

FFFFFF



66A12B



B9F57B



4A8609



D6FF96



2E6D00



F3FFB2



105400



FFFFCE



003C00



FFFFEB



002700



000200



000000



81BC46



81BC46

 78BC33

 8ABC59

 6EBC20

 94BC6C

 65BC0E

 9DBC7E

 5EBC00

 A7BC91

 B0BCA4

 B9BCB7

 C3BCCA

 CCBCDC

 D6BCEF

Harmonies

Analogous

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



BFAD2A



81BC46



00C57A

Triad

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



81BC46



00BEFF



FF74A1

Complementary

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



81BC46



8146BC

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.



FD7FDC



81BC46



41AEFF

Square

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



81BC46



00C6F0



BF97FF



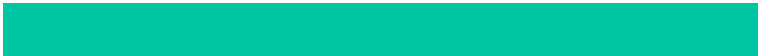
FF8069

Rectangle

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



81BC46



00C7A2



BF97FF



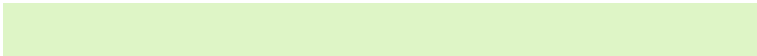
FF75B5

Sweetspot

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



81BC46



DEF5C6



BC8146



6C7A5E



FAFAFA



7A7A7A

Same Dimension

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



81BC46



99F53D



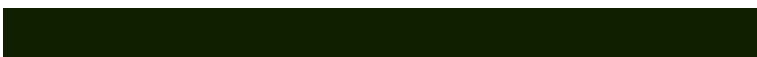
46BC46



5A5E55



4F9E00



0F1F00

Inverse Universe

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



8146BC



993DF5



BC46BC



5A555E



4F009E



0F001F

Previews

White Background



This preview shows how the Hex color 81BC46 looks on a white background.

Color Contrast Check

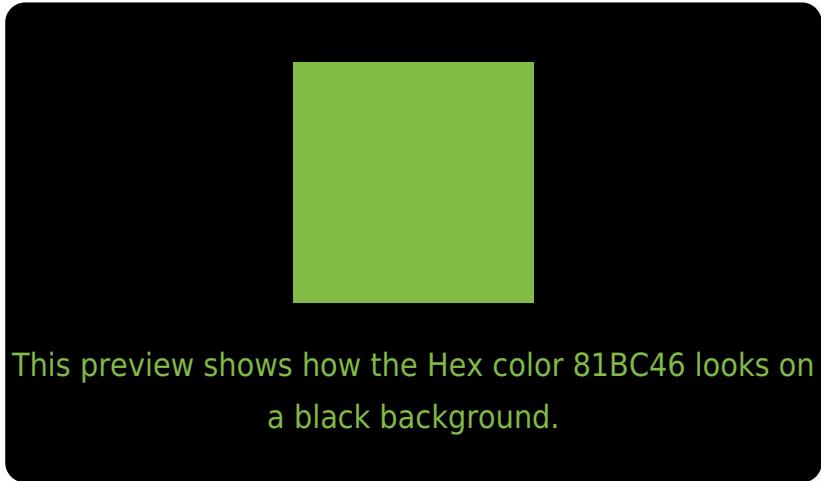
Large Text (above 18pt) WCAG AA × Fail

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 81BC46 Background



This preview shows how black text looks on a background with the Hex color 81BC46.

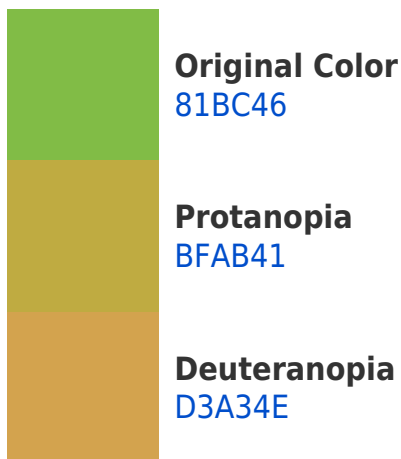


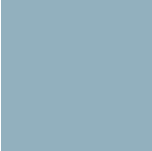
This preview shows how white text looks on a background with the Hex color 81BC46.

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](#).

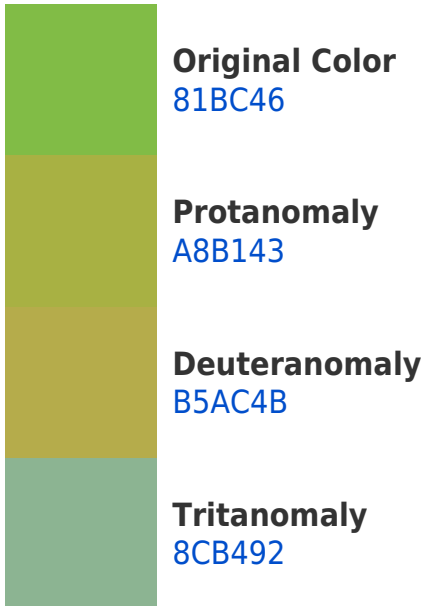
Dichromacy



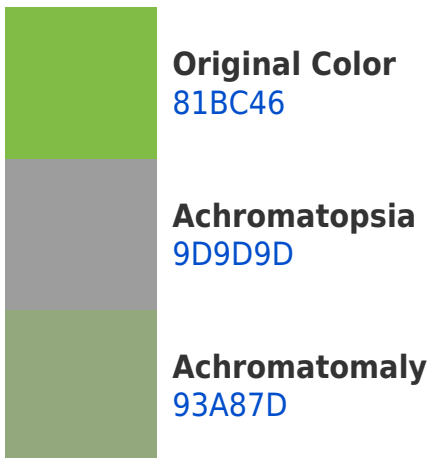


Tritanopia
92B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81BC46 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 #81BC46 looks like.

```
.text, #text, p{  
    color:#81BC46  
}
```

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 #81BC46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81BC46
}
```

Border

The CSS property to change the border of an element to Hex 81BC46 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
#81BC46 }
```

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

```
.border{ border-color:#81BC46 }
```

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

Here you see how a box with a 4 pixel #81BC46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81BC46; -webkit-box-shadow:4px 4px  
4px 4px #81BC46; box-shadow:4px 4px 4px  
4px #81BC46 }
```

Background

The CSS property to change the background color of an element to Hex 81BC46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81BC46 }
```

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

```
.background{ background-color:#81BC46 }
```

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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