

Converting Colors

Hex(81B840)

Have a look what the booklet for
Hex(81B840) contains.

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Color

Hex(81B840)

Conversions

Conversions Part 1

Format	Color
Hex	81B840
RGB	129, 184, 64
RGB Percent	51%, 72%, 25%
CMY	0.4941, 0.2784, 0.7490
CMYK	0.30, 0.00, 0.65, 0.28
HSL	88°, 48%, 49%
HSV	88°, 65%, 72%
XYZ	27.1192, 39.3183, 11.0103
YIQ	153.8750, 5.7400, -48.9800

Conversions

Conversions Part 2

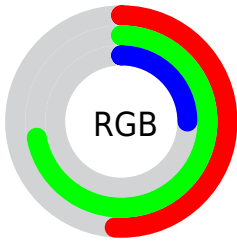
Format	Color
RYB	64, 184, 119
Decimal	8501312
CIELab	68.98, -37.13, 53.34
CIELCh	69, 64.993, 124.842
Yxy	39.3183, 0.3502, 0.5077
Android (android.graphics.Color)	4286691392 (0xFF81B840)
YUV	153.8750, -44.3084, -21.8154
Hunter-Lab	62.7043, -32.5325, 33.4822

Details

The Hex color **81B840** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7740B8**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **B9F075**, and **4B8300** is the 20% darker color. If you saturate the color by 10%, you get **79B82E**, and if you desaturate by 10%, it is **89B852**.

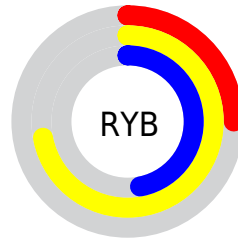
Distribution



Red (51%)

Green (72%)

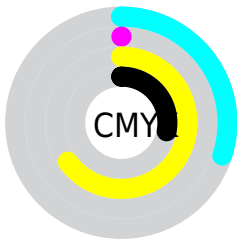
Blue (25%)



Red (25%)

Yellow (72%)

Blue (47%)

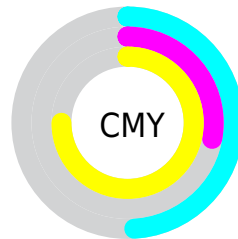


Cyan (30%)

Magenta (0%)

Yellow (65%)

Black (28%)



Cyan (49%)

Magenta (28%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81B840 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 81B840 by changing the saturation by 10% instead.

 81B840

 81B840

FFFFFF

 669D24

 B9F075

 4B8300

 D6FF90

 2F6900

 F3FFAC

 105000

 FFFFC8

 003900

 FFFF E5

 002500

 000000

 81B840

 81B840

 79B82E

 89B852

 70B81B

 92B865

 68B809

 9AB877

 64B800

 A3B88A

 ABB89C

 B4B8AE

 BCB8C1

 C4B8D3

 CDB8E6

Harmonies

Analogous

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



BEA925



81B840



00C174

Triad

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



81B840



00BCFF



FF70A1

Complementary

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



81B840



7740B8

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.



F77CDC



81B840



29ACFF

Square

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



81B840



00C3EA



B795FF



FF7C68

Rectangle

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



81B840



00C49C



B795FF



FF72B5

Sweetspot

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



81B840



DAF0C0



B87640



6B785B



F7F7F7



787878

Same Dimension

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



81B840



9AF035



46B840



585C53



549C00



0F1C00

Inverse Universe

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



7740B8



8A35F0



B240B8



57535C



47009C



0D001C

Previews

White Background



This preview shows how the Hex color 81B840 looks on a white background.

Color Contrast Check

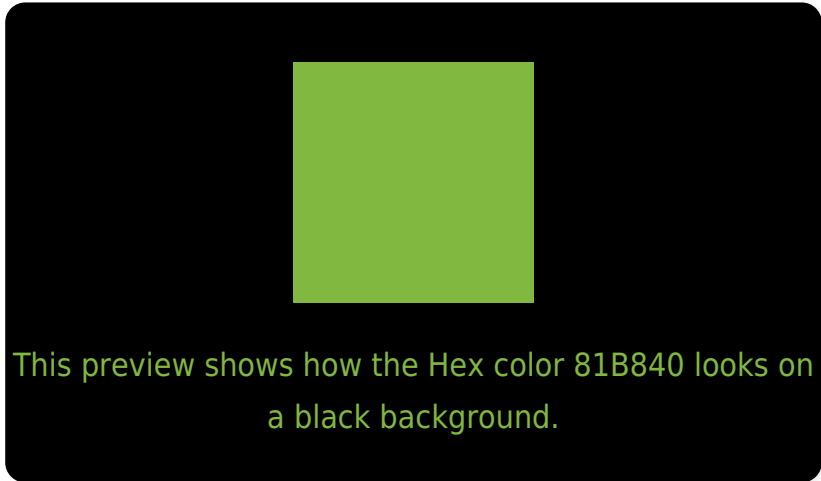
Large Text (above 18pt) WCAG AA × Fail

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 81B840 Background



This preview shows how black text looks on a background with the Hex color 81B840.

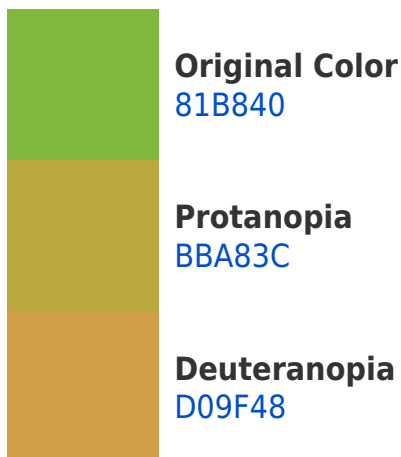


This preview shows how white text looks on a background with the Hex color 81B840.

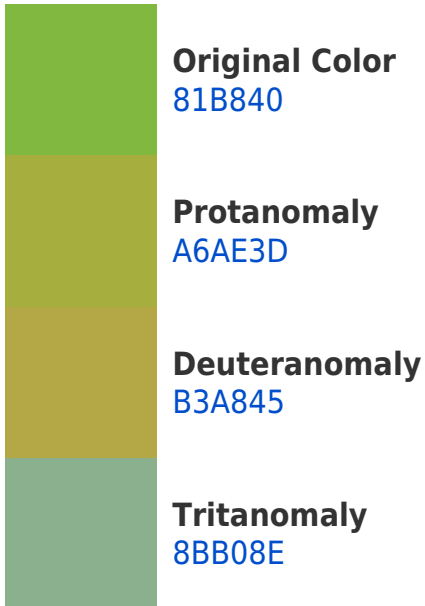
Color Blindness Simulation

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](#).

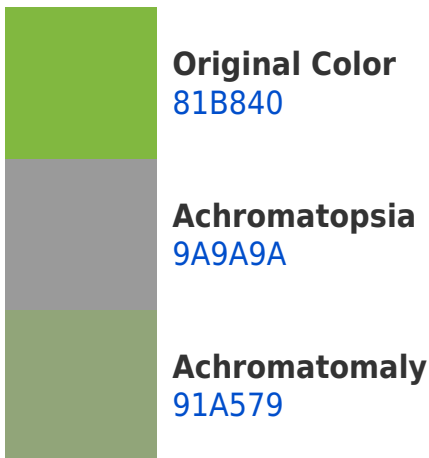
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81B840 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 #81B840 looks like.

```
.text, #text, p{  
    color:#81B840  
}
```

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 #81B840 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81B840
}
```

Border

The CSS property to change the border of an element to Hex 81B840 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
#81B840 }
```

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

```
.border{ border-color:#81B840 }
```

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

Here you see how a box with a 4 pixel #81B840 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81B840; -webkit-box-shadow:4px 4px  
4px 4px #81B840; box-shadow:4px 4px 4px  
4px #81B840 }
```

Background

The CSS property to change the background color of an element to Hex 81B840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81B840 }
```

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

```
.background{ background-color:#81B840 }
```

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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