

Converting Colors

Hex(81BD42)

Have a look what the booklet for
Hex(81BD42) contains.

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Color

Hex(81BD42)

Conversions

Conversions Part 1

Format	Color
Hex	81BD42
RGB	129, 189, 66
RGB Percent	51%, 74%, 26%
CMY	0.4941, 0.2588, 0.7412
CMYK	0.32, 0.00, 0.65, 0.26
HSL	89°, 48%, 50%
HSV	89°, 65%, 74%
XYZ	28.2342, 41.4557, 11.6679
YIQ	157.0380, 3.7230, -50.9730

Conversions

Conversions Part 2

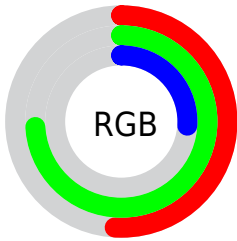
Format	Color
RYB	66, 189, 126
Decimal	8502594
CIELab	70.49, -39.20, 54.13
CIELCh	70, 66.835, 125.912
Yxy	41.4557, 0.3470, 0.5095
Android (android.graphics.Color)	4286692674 (0xFF81BD42)
YUV	157.0380, -44.8817, -24.5893
Hunter-Lab	64.3861, -34.4008, 34.3259

Details

The Hex color **81BD42** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7E42BD**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B9F677**, and **4A8700** is the 20% darker color. If you saturate the color by 10%, you get **78BD2F**, and if you desaturate by 10%, it is **8ABD55**.

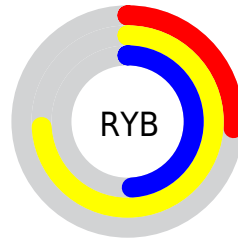
Distribution



Red (51%)

Green (74%)

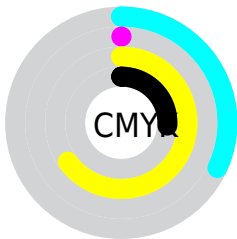
Blue (26%)



Red (26%)

Yellow (74%)

Blue (49%)

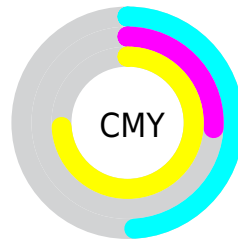


Cyan (32%)

Magenta (0%)

Yellow (65%)

Black (26%)



Cyan (49%)


Magenta (26%)


Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81BD42 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 81BD42 by changing the saturation by 10% instead.

 81BD42

 81BD42

FFFFFF

 65A226

 B9F677

 4A8700

 D6FF93

 2E6D00

 F4FFAE

 0E5500

 FFFFCA

 003D00


 FFFF E7

 002800

 000300

 000000

 81BD42

 81BD42

 78BD2F

 8ABD55

 6FBD1C

 93BD68

 65BD09

 9DBD7B

 61BD00

 A6BD8E

 AFBDA1

 B8BDB3

 C2BDC6

 CBBDD9

 D4BDEC

Harmonies

Analogous

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



C1AD24



81BD42



00C678

Triad

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



81BD42



00C0FF



FF72A3

Complementary

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



81BD42



7E42BD

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.



FF7EDF



81BD42



32AFFF

Square

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



81BD42



00C8F2



BE97FF



FF7F68

Rectangle

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



81BD42



00C9A2



BE97FF



FF73B7

Sweetspot

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



81BD42



DDF5C4



BD7D42



6C7A5D



FAFAFA



7A7A7A

Same Dimension

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



81BD42



98F536



44BD42



5A5E55



519E00



101F00

Inverse Universe

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



7E42BD



9336F5



BB42BD



5A555E



4D009E



0F001F

Previews

White Background



This preview shows how the Hex color 81BD42 looks on a white background.

Color Contrast Check

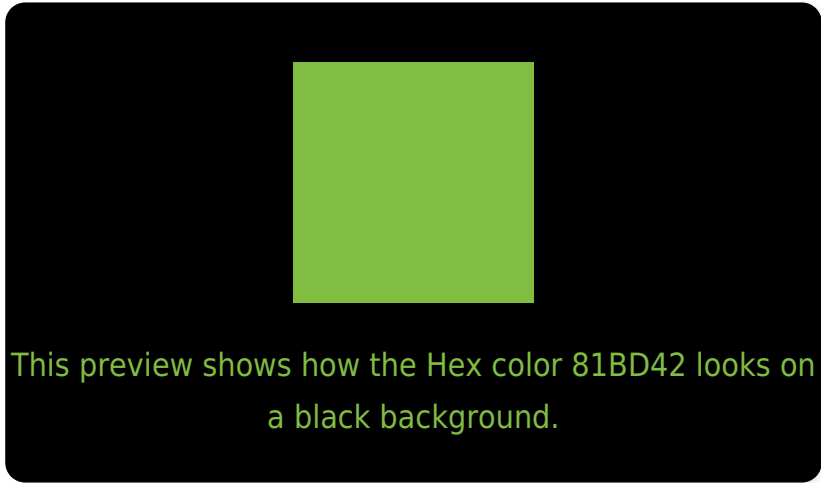
Large Text (above 18pt) WCAG AA × Fail

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 81BD42 Background



This preview shows how black text looks on a background with the Hex color 81BD42.

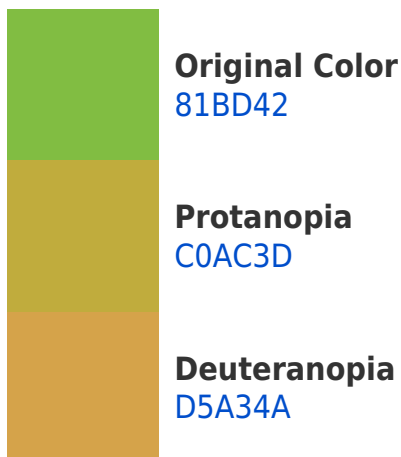


This preview shows how white text looks on a background with the Hex color 81BD42.

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](#).

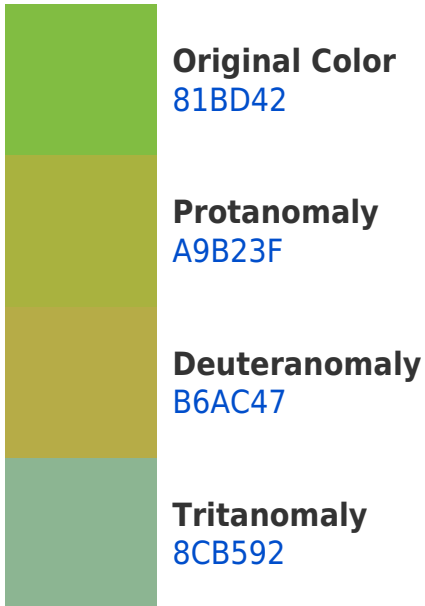
Dichromacy





Tritanopia
92B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81BD42 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 #81BD42 looks like.

```
.text, #text, p{  
    color:#81BD42  
}
```

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 #81BD42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81BD42
}
```

Border

The CSS property to change the border of an element to Hex 81BD42 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
#81BD42 }
```

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

```
.border{ border-color:#81BD42 }
```

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

Here you see how a box with a 4 pixel #81BD42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81BD42; -webkit-box-shadow:4px 4px  
4px 4px #81BD42; box-shadow:4px 4px 4px  
4px #81BD42 }
```

Background

The CSS property to change the background color of an element to Hex 81BD42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81BD42 }
```

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

```
.background{ background-color:#81BD42 }
```

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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