

Converting Colors

Hex(81BA65)

Have a look what the booklet for
Hex(81BA65) contains.

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Color

Hex(81BA65)

Conversions

Conversions Part 1

Format	Color
Hex	81BA65
RGB	129, 186, 101
RGB Percent	51%, 73%, 40%
CMY	0.4941, 0.2706, 0.6039
CMYK	0.31, 0.00, 0.46, 0.27
HSL	100°, 38%, 56%
HSV	100°, 46%, 73%
XYZ	28.9611, 40.7245, 18.6461
YIQ	159.2670, -6.6870, -38.5190

Conversions

Conversions Part 2

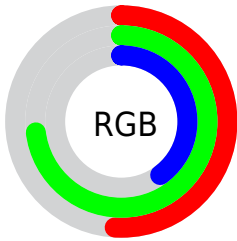
Format	Color
RYB	101, 186, 158
Decimal	8501861
CIELab	69.98, -34.16, 37.18
CIELCh	70, 50.490, 132.573
Yxy	40.7245, 0.3279, 0.4610
Android (android.graphics.Color)	4286691941 (0xFF81BA65)
YUV	159.2670, -28.7256, -26.5442
Hunter-Lab	63.8158, -30.6700, 27.3473

Details

The Hex color **81BA65** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **9E65BA**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **B8F299**, and **4C8433** is the 20% darker color. If you saturate the color by 10%, you get **75BA52**, and if you desaturate by 10%, it is **8DBA78**.

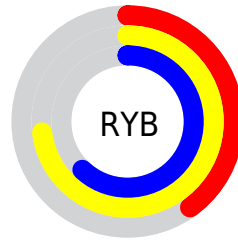
Distribution



Red (51%)

Green (73%)

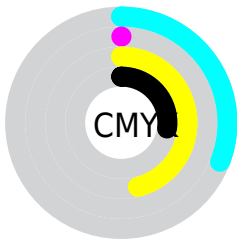
Blue (40%)



Red (40%)

Yellow (73%)

Blue (62%)

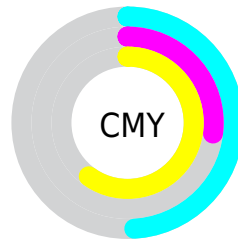


Cyan (31%)

Magenta (0%)

Yellow (46%)

Black (27%)



Cyan (49%)


Magenta (27%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81BA65 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 81BA65 by changing the saturation by 10% instead.

 81BA65

 81BA65

FFFFFF

 669F4C

 B8F299

 4C8433

 D4FFB5

 326B1B

 F1FFD0

 165200

 FFFFED

 003A00

 002600

 000000

 81BA65

 81BA65

 75BA52

 8DBA78

 68BA40

 9ABA8A

 5CBA2D

 A6BA9D

 4FBA1B

 B3BAAF

 43BA08

 BFBAC2

 3DBA00

 CCBAD5

 D8BAE7

 E5BAFA

 F1BAFF

Harmonies

Analogous

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



B4AF4E



81BA65



38C18E

Triad

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



81BA65



00B7FF



FF8599

Complementary

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



81BA65



9E65BA

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.



F288C8



81BA65



81A9FF

Square

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



81BA65



00C0E8



C897EF



F98F6F

Rectangle

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



81BA65



00C2AE



C897EF



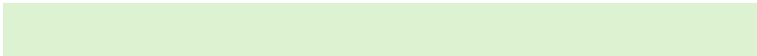
FF84A9

Sweetspot

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



81BA65



DCF2D0



BA9E65



6C7A66



FAFAFA



7A7A7A

Same Dimension

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



81BA65



99F26D



65BA73



565C53



339C00



091C00

Inverse Universe

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



9E65BA



C66DF2



BA65AC



59535C



68009C



13001C

Previews

White Background



This preview shows how the Hex color 81BA65 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



This preview shows how the Hex color 81BA65 looks on a 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 81BA65 Background



This preview shows how black text looks on a background with the Hex color 81BA65.

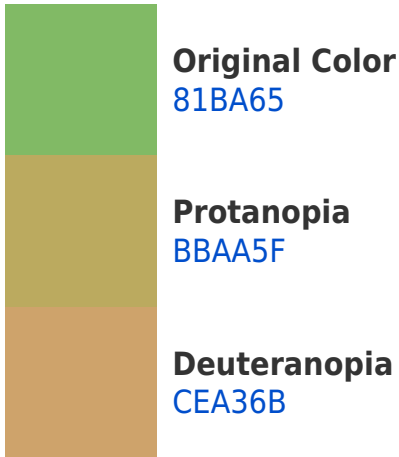


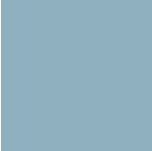
This preview shows how white text looks on a background with the Hex color 81BA65.

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](#).

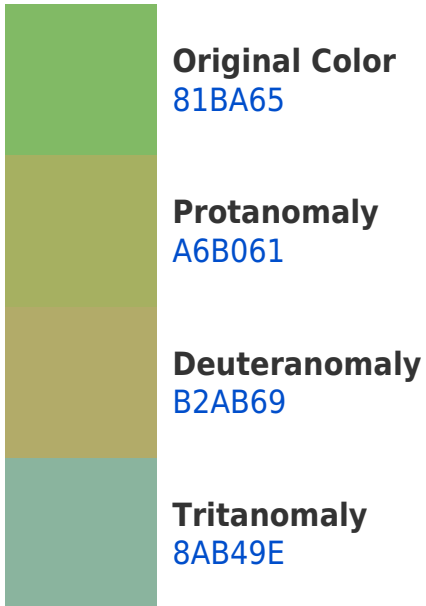
Dichromacy



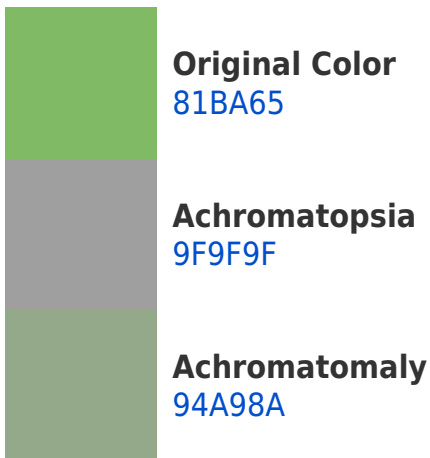


Tritanopia
8FB0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81BA65 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 #81BA65 looks like.

```
.text, #text, p{  
    color:#81BA65  
}
```

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 #81BA65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81BA65
}
```

Border

The CSS property to change the border of an element to Hex 81BA65 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
#81BA65 }
```

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

```
.border{ border-color:#81BA65 }
```

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

Here you see how a box with a 4 pixel #81BA65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81BA65; -webkit-box-shadow:4px 4px  
4px 4px #81BA65; box-shadow:4px 4px 4px  
4px #81BA65 }
```

Background

The CSS property to change the background color of an element to Hex 81BA65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81BA65 }
```

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

```
.background{ background-color:#81BA65 }
```

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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