

Converting Colors

Hex(81C46F)

Have a look what the booklet for
Hex(81C46F) contains.

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Color

Hex(81C46F)

Conversions

Conversions Part 1

Format	Color
Hex	81C46F
RGB	129, 196, 111
RGB Percent	51%, 77%, 44%
CMY	0.4941, 0.2314, 0.5647
CMYK	0.34, 0.00, 0.43, 0.23
HSL	107°, 42%, 60%
HSV	107°, 43%, 77%
XYZ	31.6624, 45.2947, 22.1129
YIQ	166.2770, -12.6470, -40.6390

Conversions

Conversions Part 2

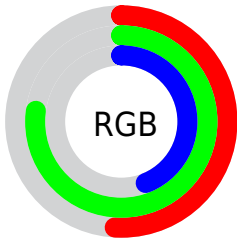
Format	Color
RYB	111, 196, 178
Decimal	8504431
CIELab	73.09, -37.38, 36.04
CIElCh	73, 51.923, 136.050
Yxy	45.2947, 0.3196, 0.4572
Android (android.graphics.Color)	4286694511 (0xFF81C46F)
YUV	166.2770, -27.2516, -32.6919
Hunter-Lab	67.3013, -33.8006, 27.6303

Details

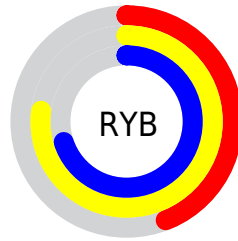
The Hex color **81C46F** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **B26FC4**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **B8FDA4**, and **4C8E3D** is the 20% darker color. If you saturate the color by 10%, you get **72C45B**, and if you desaturate by 10%, it is **90C483**.

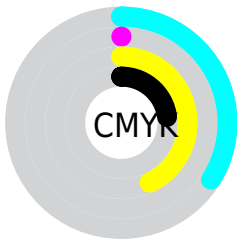
Distribution



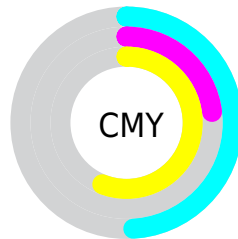
- Red (51%)
- Green (77%)
- Blue (44%)



- Red (44%)
- Yellow (77%)
- Blue (70%)



- Cyan (34%)
- Magenta (0%)
- Yellow (43%)
- Black (23%)



- Cyan (49%)
- Magenta (23%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81C46F 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 81C46F by changing the saturation by 10% instead.



81C46F



81C46F

FFFFFF



66A956



B8FDA4



4C8E3D



D5FFBF



317425



F2FFDB



125B0B



FFFFF8



004200



002C00



001300



000000



81C46F



81C46F

 72C45B

 90C483

 62C448

 A0C496

 53C434

 AFC4AA

 43C421

 BFC4BD

 34C40D

 CEC4D1

 2AC400

 DEC4E5

 EDC4F8

 FDC4FF

 FFC4FF

Harmonies

Analogous

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



B7B954



81C46F



2FCA9B

Triad

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



81C46F



00BFFF



FF8C9C

Complementary

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



81C46F



B26FC4

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.



FF8ECC



81C46F



92B0FF

Square

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



81C46F



00C8F7



D89DF6



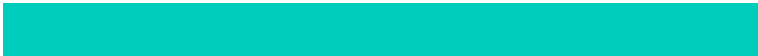
FF9871

Rectangle

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



81C46F



00CCBC



D89DF6



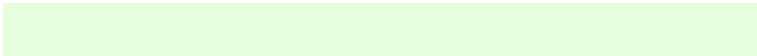
FF8BAC

Sweetspot

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



81C46F



E5FFDE



C4B26F



6F806B



000000



808080

Same Dimension

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



81C46F



96FF7A



6FC487



596157



22A100



072100

Inverse Universe

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



B26FC4



E37AFF



C46FAC



5F5761



7F00A1



1A0021

Previews

White Background



This preview shows how the Hex color 81C46F looks on a white background.

Color Contrast Check

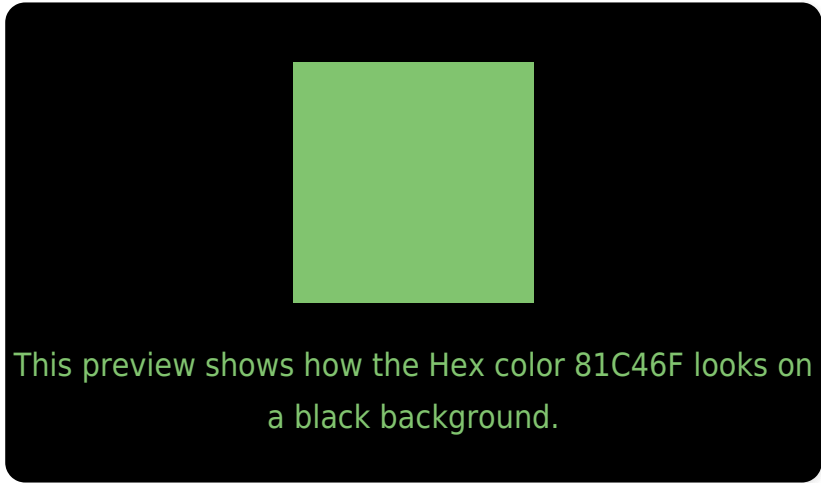
Large Text (above 18pt) WCAG AA × Fail

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 81C46F Background



This preview shows how black text looks on a background with the Hex color 81C46F.

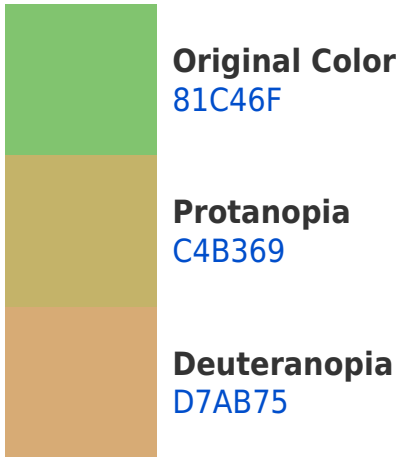


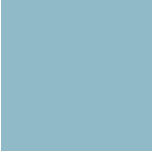
This preview shows how white text looks on a background with the Hex color 81C46F.

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](#).

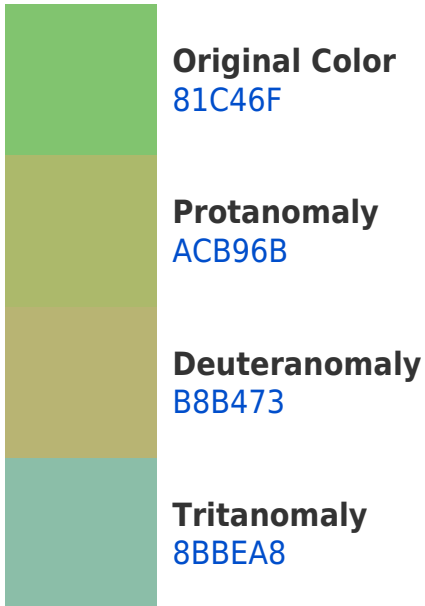
Dichromacy



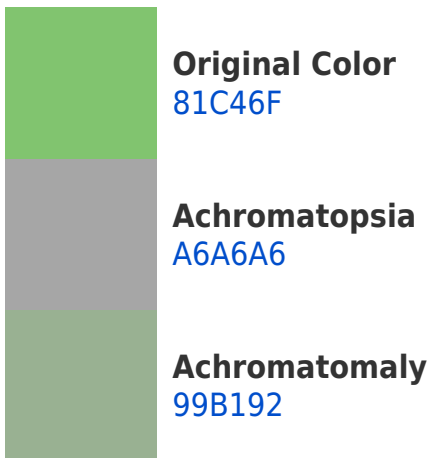


Tritanopia
91BAC8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81C46F 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 #81C46F looks like.

```
.text, #text, p{  
    color:#81C46F  
}
```

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 #81C46F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81C46F
}
```

Border

The CSS property to change the border of an element to Hex 81C46F 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
#81C46F }
```

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

```
.border{ border-color:#81C46F }
```

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

Here you see how a box with a 4 pixel #81C46F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81C46F; -webkit-box-shadow:4px 4px  
4px 4px #81C46F; box-shadow:4px 4px 4px  
4px #81C46F }
```

Background

The CSS property to change the background color of an element to Hex 81C46F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81C46F }
```

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

```
.background{ background-color:#81C46F }
```

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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