

Converting Colors

Hex(81AA4F)

Have a look what the booklet for
Hex(81AA4F) contains.

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Color

Hex(81AA4F)

Conversions

Conversions Part 1

Format	Color
Hex	81AA4F
RGB	129, 170, 79
RGB Percent	51%, 67%, 31%
CMY	0.4941, 0.3333, 0.6902
CMYK	0.24, 0.00, 0.54, 0.33
HSL	87°, 37%, 49%
HSV	87°, 54%, 67%
XYZ	24.8393, 33.9811, 12.6470
YIQ	147.3670, 4.7750, -36.9930

Conversions

Conversions Part 2

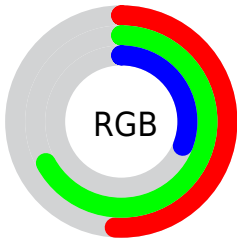
Format	Color
RYB	79, 170, 120
Decimal	8497743
CIELab	64.95, -29.24, 41.98
CIELCh	65, 51.162, 124.857
Yxy	33.9811, 0.3476, 0.4755
Android (android.graphics.Color)	4286687823 (0xFF81AA4F)
YUV	147.3670, -33.7049, -16.1079
Hunter-Lab	58.2933, -25.9529, 27.9421

Details

The Hex color **81AA4F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **784FAA**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **B8E183**, and **4D761C** is the 20% darker color. If you saturate the color by 10%, you get **79AA3E**, and if you desaturate by 10%, it is **89AA60**.

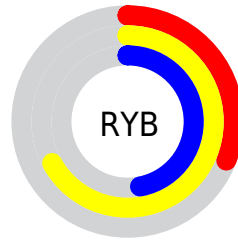
Distribution



Red (51%)

Green (67%)

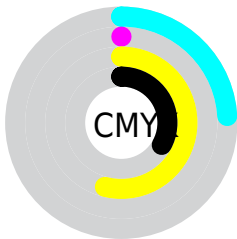
Blue (31%)



Red (31%)

Yellow (67%)

Blue (47%)

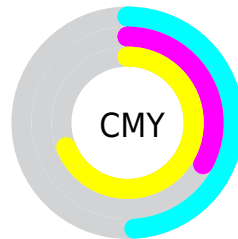


Cyan (24%)

Magenta (0%)

Yellow (54%)

Black (33%)



Cyan (49%)

Magenta (33%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81AA4F 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 81AA4F by changing the saturation by 10% instead.



81AA4F



81AA4F

FFFFFF



678F36



B8E183



4D761C



D4FE9D



335D00



F1FFB9



1B4500



FFFFD5



002E00



FFFFF2



001A00



000000



81AA4F



81AA4F



79AA3E



89AA60

 72AA2D

 90AA71

 6AAA1C

 98AA82

 62AA0B

 A0AA93

 5DAA00

 A7AAA4

 AFAAB5

 B7AAC6

 BEAAD7

 C6AAE8

Harmonies

Analogous

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



B19E3E



81AA4F



3FB275

Triad

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



81AA4F



00ADF0



F27698

Complementary

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



81AA4F



784FAA

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.



DC7DC5



81AA4F



57A0F9

Square

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



81AA4F



00B3D1



AA8FE9



EE7D6C

Rectangle

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



81AA4F



00B494



AA8FE9



ED77A7

Sweetspot

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



81AA4F



CEDEBA



AA784F



67705B



F0F0F0



707070

Same Dimension

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



81AA4F



9EDE50



54AA4F



50544C



519400



0B1400

Inverse Universe

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



784FAA



9050DE



A54FAA



504C54



430094



090014

Previews

White Background



This preview shows how the Hex color 81AA4F looks on a white background.

Color Contrast Check

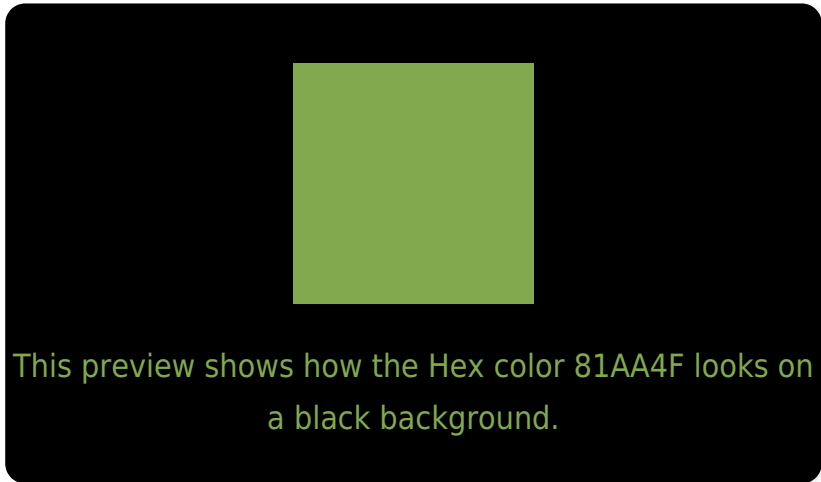
Large Text (above 18pt) WCAG AA × Fail

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 81AA4F Background



This preview shows how black text looks on a background with the Hex color 81AA4F.



This preview shows how white text looks on a background with the Hex color 81AA4F.

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



Original Color
81AA4F

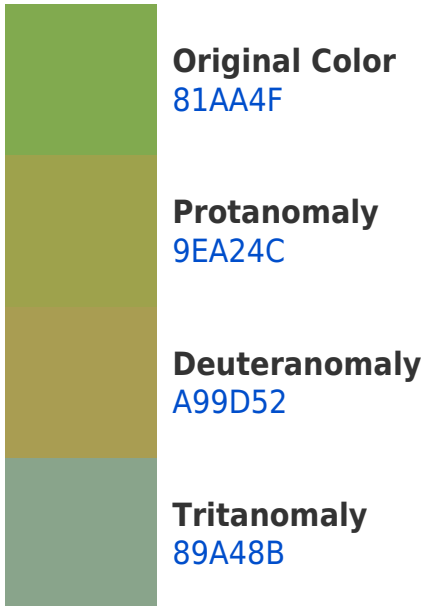
Protanopia
AE9D4B

Deuteranopia
C09654

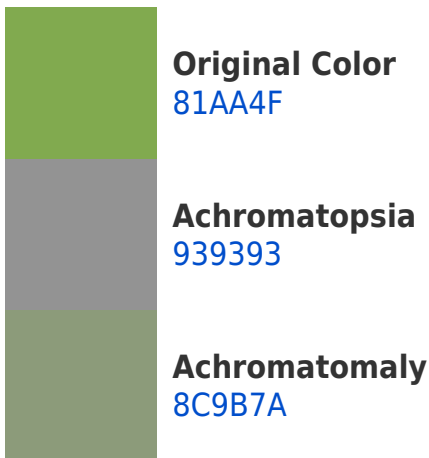


Tritanopia
8EA0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81AA4F 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 #81AA4F looks like.

```
.text, #text, p{  
    color:#81AA4F  
}
```

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 #81AA4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81AA4F
}
```

Border

The CSS property to change the border of an element to Hex 81AA4F 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
#81AA4F }
```

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

```
.border{ border-color:#81AA4F }
```

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

Here you see how a box with a 4 pixel #81AA4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81AA4F; -webkit-box-shadow:4px 4px  
4px 4px #81AA4F; box-shadow:4px 4px 4px  
4px #81AA4F }
```

Background

The CSS property to change the background color of an element to Hex 81AA4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81AA4F }
```

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

```
.background{ background-color:#81AA4F }
```

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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