

Converting Colors

Hex(81AC77)

Have a look what the booklet for
Hex(81AC77) contains.

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Color

Hex(81AC77)

Conversions

Conversions Part 1

Format	Color
Hex	81AC77
RGB	129, 172, 119
RGB Percent	51%, 67%, 47%
CMY	0.4941, 0.3255, 0.5333
CMYK	0.25, 0.00, 0.31, 0.33
HSL	109°, 24%, 57%
HSV	109°, 31%, 67%
XYZ	27.1356, 35.5041, 22.8755
YIQ	153.1010, -8.6150, -25.5990

Conversions

Conversions Part 2

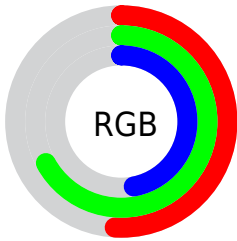
Format	Color
RYB	119, 172, 162
Decimal	8498295
CIELab	66.14, -24.82, 22.72
CIELCh	66, 33.648, 137.520
Yxy	35.5041, 0.3173, 0.4152
Android (android.graphics.Color)	4286688375 (0xFF81AC77)
YUV	153.1010, -16.8118, -21.1366
Hunter-Lab	59.5853, -22.9842, 18.9475

Details

The Hex color **81AC77** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A277AC**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **B7E4AC**, and **4E7746** is the 20% darker color. If you saturate the color by 10%, you get **73AC66**, and if you desaturate by 10%, it is **8FAC88**.

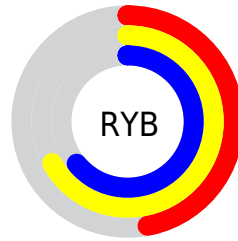
Distribution



Red (51%)

Green (67%)

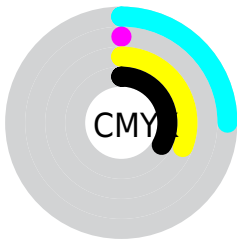
Blue (47%)



Red (47%)

Yellow (67%)

Blue (64%)

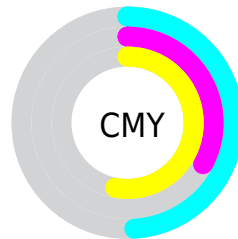


Cyan (25%)

Magenta (0%)

Yellow (31%)

Black (33%)



Cyan (49%)

Magenta (33%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81AC77 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 81AC77 by changing the saturation by 10% instead.

 81AC77

 81AC77

FFFFFF

 67915E

 B7E4AC

 4E7746

 D3FFC7

 365E2F

 EFFF E3

 1E4719

 063000

 001D00

 000000

 81AC77

 81AC77

 73AC66

 8FAC88

 65AC55

 9DAC99

 57AC43

 ABACAB

 49AC32

 B9ACBC

 3BAC21

 C7ACCD

 2DAC10

 D5ACDE

 20AC00

 E3ACEF

 F1ACFF

 FFACFF

Harmonies

Analogous

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



A3A466



81AC77



5CB093

Triad

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



81AC77



62A7DB



DC8A90

Complementary

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



81AC77



A277AC

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.



D48BAF



81AC77



929EDA

Square

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



81AC77



37AECC



BA93CA



D59075

Rectangle

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



81AC77



43B1A8



BA93CA



DB8A9A

Sweetspot

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



81AC77



D0E0CC



ACA177



667064



F0F0F0



707070

Same Dimension

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



81AC77



9DE08D



77AC87



50574E



1C9600



041700

Inverse Universe

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



A277AC



D18DE0



AC779C



554E57



7A0096



130017

Previews

White Background



This preview shows how the Hex color 81AC77 looks on a white background.

Color Contrast Check

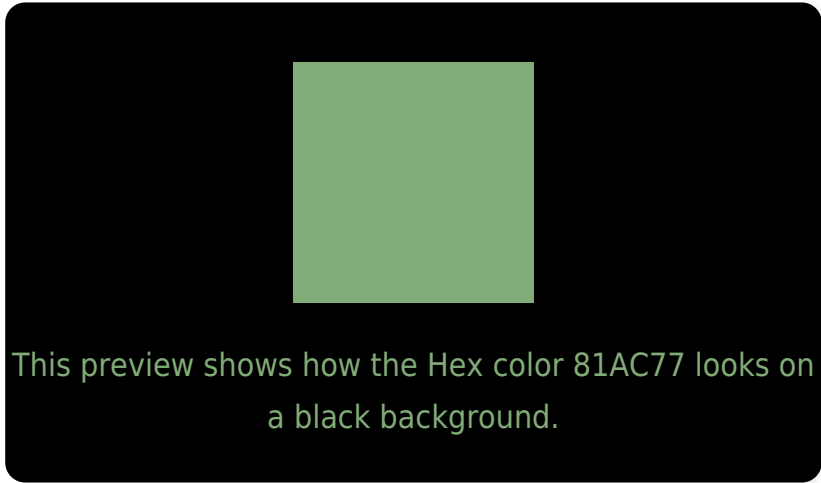
Large Text (above 18pt) WCAG AA × Fail

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

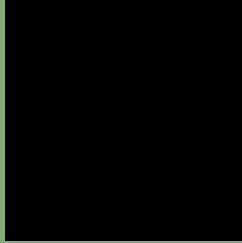
Any Text WCAG AA ✓ Pass

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 81AC77 Background



This preview shows how black text looks on a background with the Hex color 81AC77.

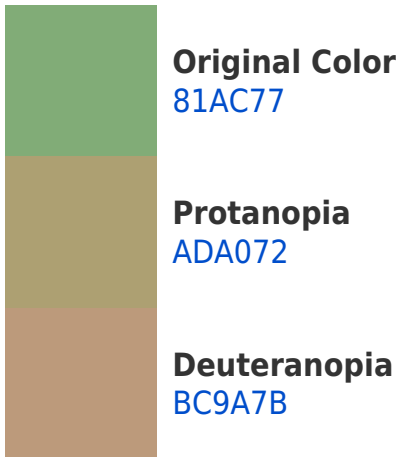


This preview shows how white text looks on a background with the Hex color 81AC77.

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
8BA5B2

Trichromacy



Original Color
81AC77

Protanomaly
9DA474

Deuteranomaly
A7A17A

Tritanomaly
87A89D

Monochromacy



Original Color
81AC77

Achromatopsia
999999

Achromatomaly
90A08D

CSS Examples

Text

The CSS property to change the color of the text to Hex 81AC77 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 #81AC77 looks like.

```
.text, #text, p{  
    color:#81AC77  
}
```

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 #81AC77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81AC77
}
```

Border

The CSS property to change the border of an element to Hex 81AC77 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
#81AC77 }
```

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

```
.border{ border-color:#81AC77 }
```

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

Here you see how a box with a 4 pixel #81AC77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81AC77; -webkit-box-shadow:4px 4px  
4px 4px #81AC77; box-shadow:4px 4px 4px  
4px #81AC77 }
```

Background

The CSS property to change the background color of an element to Hex 81AC77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81AC77 }
```

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

```
.background{ background-color:#81AC77 }
```

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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