

Converting Colors

Hex(81E070)

Have a look what the booklet for
Hex(81E070) contains.

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Color

Hex(81E070)

Conversions

Conversions Part 1

Format	Color
Hex	81E070
RGB	129, 224, 112
RGB Percent	51%, 88%, 44%
CMY	0.4941, 0.1216, 0.5608
CMYK	0.42, 0.00, 0.50, 0.12
HSL	111°, 64%, 66%
HSV	111°, 50%, 88%
XYZ	38.6335, 59.1483, 24.7098
YIQ	182.8270, -20.6680, -54.9720

Conversions

Conversions Part 2

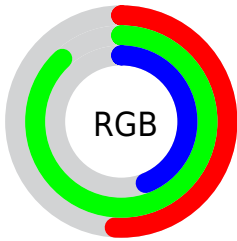
Format	Color
RYB	112, 224, 207
Decimal	8511600
CIELab	81.37, -49.33, 45.89
CIELCh	81, 67.378, 137.070
Yxy	59.1483, 0.3154, 0.4829
Android (android.graphics.Color)	4286701680 (0xFF81E070)
YUV	182.8270, -34.9177, -47.2063
Hunter-Lab	76.9079, -44.9221, 34.7862

Details

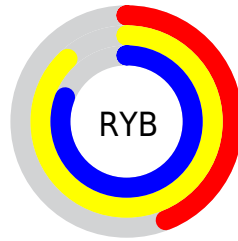
The Hex color **81E070** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **CF70E0**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **BAFFA6**, and **47A83C** is the 20% darker color. If you saturate the color by 10%, you get **6EE05A**, and if you desaturate by 10%, it is **94E086**.

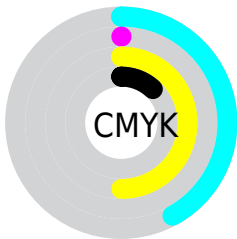
Distribution



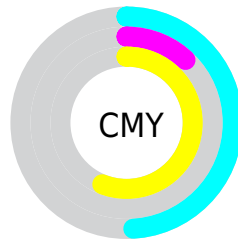
- Red (51%)
- Green (88%)
- Blue (44%)



- Red (44%)
- Yellow (88%)
- Blue (81%)



- Cyan (42%)
- Magenta (0%)
- Yellow (50%)
- Black (12%)



- Cyan (49%)
- Magenta (12%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81E070 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 81E070 by changing the saturation by 10% instead.

 81E070

 81E070

FFFFFF

 65C456

 BAFFA6

 47A83C

 D8FFC2

 278D22

 F5FFDE

 007300

 FFFFFB


 005900


 004100

 002B00

 000900

 000000

 81E070

 81E070

 6EE05A

 94E086

 5BE043

 A7E09D

 48E02D

 BAE0B3

 35E016

 CDE0CA

 22E000

 E0E0E0

 F3E0F6

 FFE0FF

Harmonies

Analogous

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



CAD249



81E070



00E7AC

Triad

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



81E070



00D9FF



FF93A9

Complementary

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



81E070



CF70E0

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.



FF95E8



81E070



9CC4FF

Square

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



81E070



00E5FF



FCAAFF



FFA570

Rectangle

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



81E070



00E9D8



FCAAFF



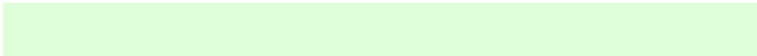
FF91BE

Sweetspot

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



81E070



DFFFD9



E0CD70



6C8069



000000



808080

Same Dimension

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



81E070



7DFF66



70E095



677065



1BB000



073000

Inverse Universe

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



CF70E0



E866FF



E070BB



6E6570



9500B0



290030

Previews

White Background



This preview shows how the Hex color 81E070 looks on a white background.

Color Contrast Check

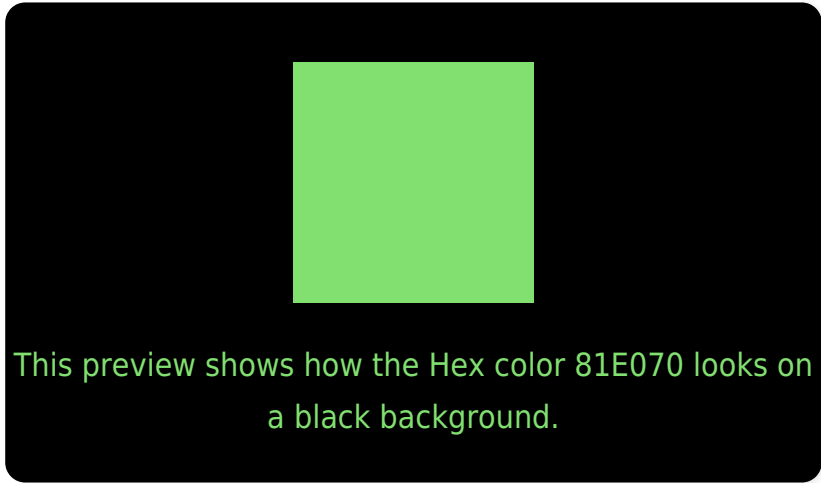
Large Text (above 18pt) WCAG AA × Fail

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 81E070 Background



This preview shows how black text looks on a background with the Hex color 81E070.

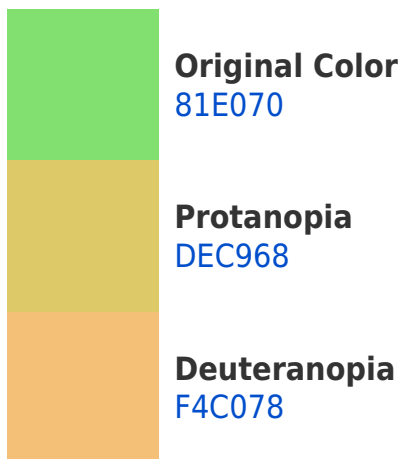


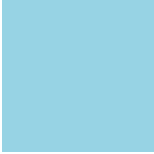
This preview shows how white text looks on a background with the Hex color 81E070.

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
97D3E4

Trichromacy



Original Color
81E070



Protanomaly
BCD16B



Deuteranomaly
CACC75



Tritanomaly
8FD8BA

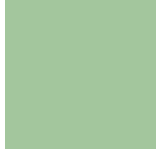
Monochromacy



Original Color
81E070



Achromatopsia
B7B7B7



Achromatomaly
A3C69D

CSS Examples

Text

The CSS property to change the color of the text to Hex 81E070 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 #81E070 looks like.

```
.text, #text, p{  
    color:#81E070  
}
```

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 #81E070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81E070
}
```

Border

The CSS property to change the border of an element to Hex 81E070 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
#81E070 }
```

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

```
.border{ border-color:#81E070 }
```

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

Here you see how a box with a 4 pixel #81E070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81E070; -webkit-box-shadow:4px 4px  
4px 4px #81E070; box-shadow:4px 4px 4px  
4px #81E070 }
```

Background

The CSS property to change the background color of an element to Hex 81E070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81E070 }
```

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

```
.background{ background-color:#81E070 }
```

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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