

Converting Colors

Hex(81DE4A)

Have a look what the booklet for
Hex(81DE4A) contains.

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Color

Hex(81DE4A)

Conversions

Conversions Part 1

Format	Color
Hex	81DE4A
RGB	129, 222, 74
RGB Percent	51%, 87%, 29%
CMY	0.4941, 0.1294, 0.7098
CMYK	0.42, 0.00, 0.67, 0.13
HSL	98°, 69%, 58%
HSV	98°, 67%, 87%
XYZ	36.4106, 57.4041, 15.6396
YIQ	177.3210, -7.9200, -65.7440

Conversions

Conversions Part 2

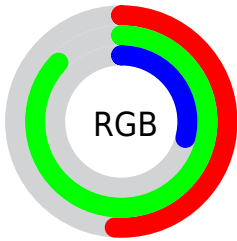
Format	Color
RYB	74, 222, 167
Decimal	8511050
CIELab	80.41, -52.41, 61.48
CIELCh	80, 80.785, 130.449
Yxy	57.4041, 0.3327, 0.5245
Android (android.graphics.Color)	4286701130 (0xFF81DE4A)
YUV	177.3210, -50.9373, -42.3775
Hunter-Lab	75.7655, -46.8080, 40.7971

Details

The Hex color **81DE4A** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **A74ADE**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **BBFF81**, and **46A602** is the 20% darker color. If you saturate the color by 10%, you get **73DE34**, and if you desaturate by 10%, it is **8FDE60**.

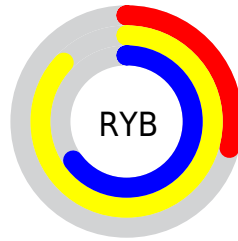
Distribution



Red (51%)

Green (87%)

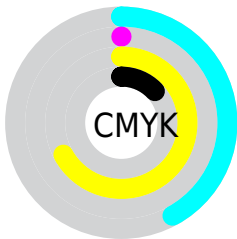
Blue (29%)



Red (29%)

Yellow (87%)

Blue (65%)

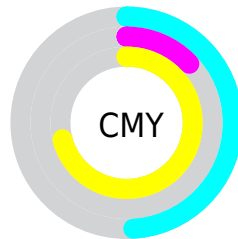


Cyan (42%)

Magenta (0%)

Yellow (67%)

Black (13%)



Cyan (49%)

Magenta (13%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81DE4A 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 81DE4A by changing the saturation by 10% instead.

 81DE4A

 81DE4A

FFFFFF

 64C22D

 BBFF81

 46A602

 D9FF9D

 238B00

 F7FFB9

 007100

 FFFFD6

 005700

 FFFFF3

 003F00

 002900

 000300

 000000

 81DE4A

 81DE4A

 73DE34

 8FDE60

 65DE1E

 9DDE76

 57DE07

 ABDE8D

 52DE00

 B9DEA3

 C7DEB9

 D5DECF

 E3DEE5

 F1DEFC

 FFDEFF

Harmonies

Analogous

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



D4CC0D



81DE4A



00E892

Triad

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



81DE4A



00DDFF



FF7CB0

Complementary

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



81DE4A



A74ADE

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.



FF87FC



81DE4A



4DC7FF

Square

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



81DE4A



00E8FF



ECA7FF



FF9269

Rectangle

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



81DE4A



00EAC6



ECA7FF



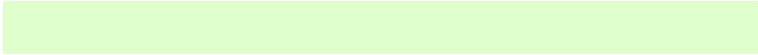
FF7CCA

Sweetspot

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



81DE4A



DFFFCC



DEA54A



6C8061



000000



808080

Same Dimension

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



81DE4A



7FFF33



4ADE5B



697065



41B000



123000

Inverse Universe

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



A74ADE



B333FF



DE4ACD



6C6570



6F00B0



1E0030

Previews

White Background



This preview shows how the Hex color 81DE4A looks on a white background.

Color Contrast Check

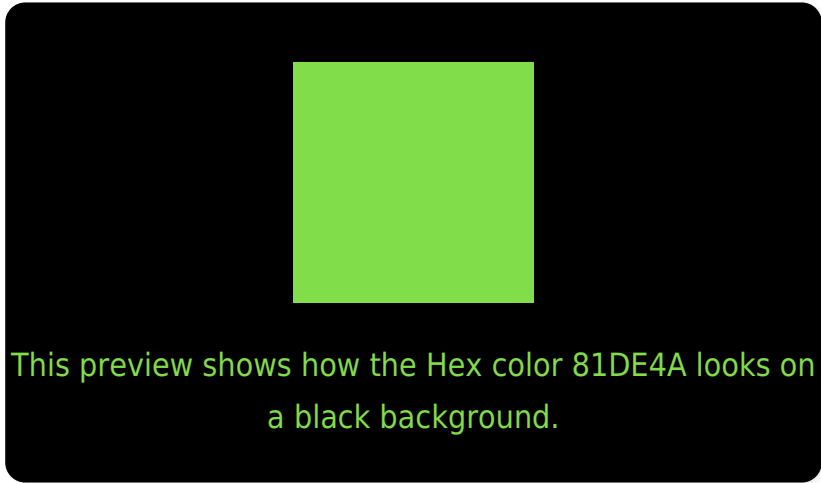
Large Text (above 18pt) WCAG AA × Fail

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 81DE4A Background



This preview shows how black text looks on a background with the Hex color 81DE4A.

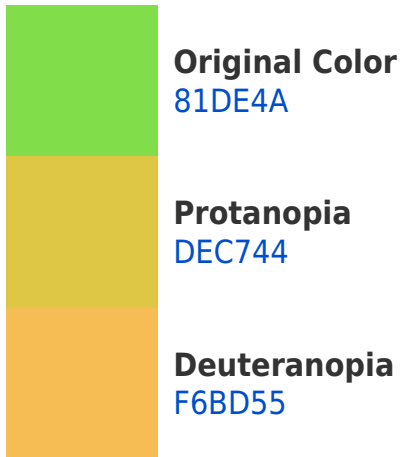


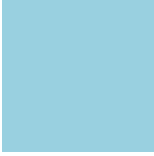
This preview shows how white text looks on a background with the Hex color 81DE4A.

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](#).

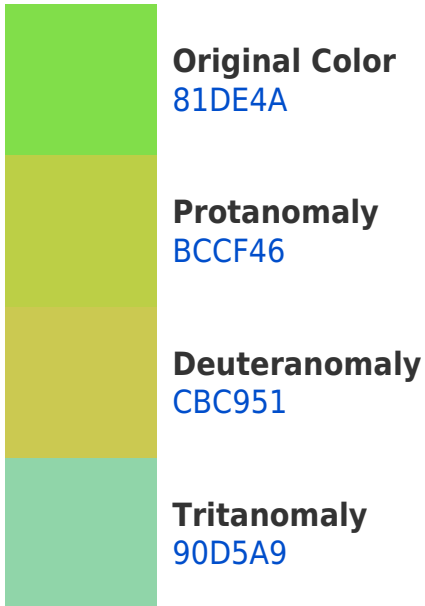
Dichromacy



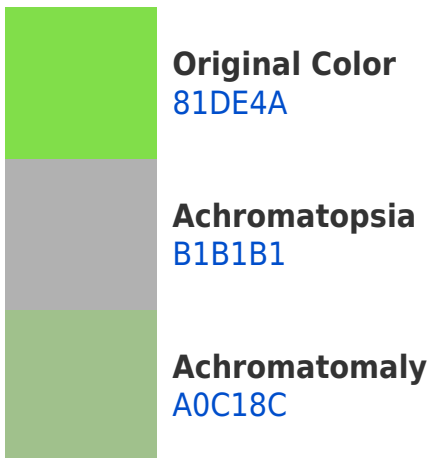


Tritanopia
99D0E0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81DE4A 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 #81DE4A looks like.

```
.text, #text, p{  
    color:#81DE4A  
}
```

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 #81DE4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81DE4A
}
```

Border

The CSS property to change the border of an element to Hex 81DE4A 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
#81DE4A }
```

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

```
.border{ border-color:#81DE4A }
```

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

Here you see how a box with a 4 pixel #81DE4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81DE4A; -webkit-box-shadow:4px 4px  
4px 4px #81DE4A; box-shadow:4px 4px 4px  
4px #81DE4A }
```

Background

The CSS property to change the background color of an element to Hex 81DE4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81DE4A }
```

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

```
.background{ background-color:#81DE4A }
```

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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