

Converting Colors

Hex(81D639)

Have a look what the booklet for
Hex(81D639) contains.

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Color

Hex(81D639)

Conversions

Conversions Part 1

Format	Color
Hex	81D639
RGB	129, 214, 57
RGB Percent	51%, 84%, 22%
CMY	0.4941, 0.1608, 0.7765
CMYK	0.40, 0.00, 0.73, 0.16
HSL	92°, 66%, 53%
HSV	92°, 73%, 84%
XYZ	33.8383, 53.0557, 12.3282
YIQ	170.6870, -0.2630, -66.8470

Conversions

Conversions Part 2

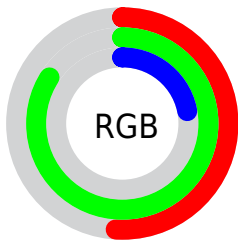
Format	Color
RYB	57, 214, 142
Decimal	8508985
CIELab	77.91, -50.40, 65.15
CIELCh	78, 82.374, 127.725
Yxy	53.0557, 0.3410, 0.5347
Android (android.graphics.Color)	4286699065 (0xFF81D639)
YUV	170.6870, -56.0477, -36.5595
Hunter-Lab	72.8393, -44.5446, 40.9526

Details

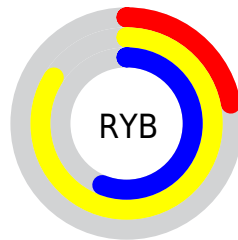
The Hex color **81D639** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **8E39D6**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **BBFF72**, and **469F00** is the 20% darker color. If you saturate the color by 10%, you get **75D624**, and if you desaturate by 10%, it is **8DD64E**.

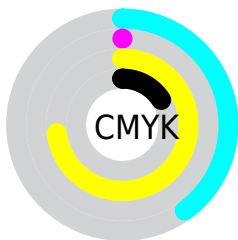
Distribution



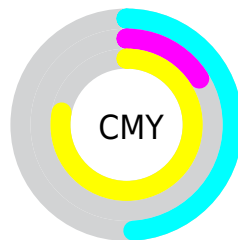
- Red (51%)
- Green (84%)
- Blue (22%)



- Red (22%)
- Yellow (84%)
- Blue (56%)



- Cyan (40%)
- Magenta (0%)
- Yellow (73%)
- Black (16%)





- Cyan (49%)
- Magenta (16%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81D639 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 81D639 by changing the saturation by 10% instead.

 81D639

 81D639

FFFFFF

 64BA16

 BBFF72

 469F00

 D9FF8E

 248400

 F7FFAA

 006A00

 FFFFC7

 005100


 FFFFE4

 003900

 002300

 000000

 81D639

 81D639

 75D624

 8DD64E

 6AD60E

 98D664

 62D600

 A4D679

 AFD68F

 BBD6A4

 C7D6B9

 D2D6CF

 DED6E4

 E9D6FA

Harmonies

Analogous

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



D3C300



81D639



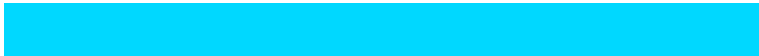
00E083

Triad

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



81D639



00D8FF



FF72B0

Complementary

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



81D639



8E39D6

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.



FF80FC



81D639



00C3FF

Square

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



81D639



00E2FF



DCA3FF



FF8667

Rectangle

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



81D639



00E3B8



DCA3FF



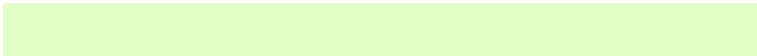
FF72CA

Sweetspot

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



81D639



E1FFC7



D68D39



6E805E



000000



808080

Same Dimension

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



81D639



86FF1F



39D63E



656B60



4EAB00



142B00

Inverse Universe

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



8E39D6



981FFF



D639D1



66606B



5C00AB



17002B

Previews

White Background



This preview shows how the Hex color 81D639 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



This preview shows how the Hex color 81D639 looks on a 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 81D639 Background



This preview shows how black text looks on a background with the Hex color 81D639.

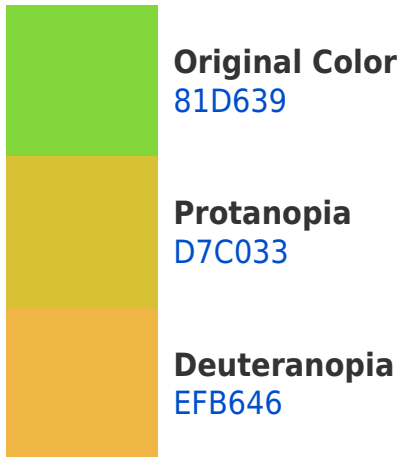


This preview shows how white text looks on a background with the Hex color 81D639.

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](#).

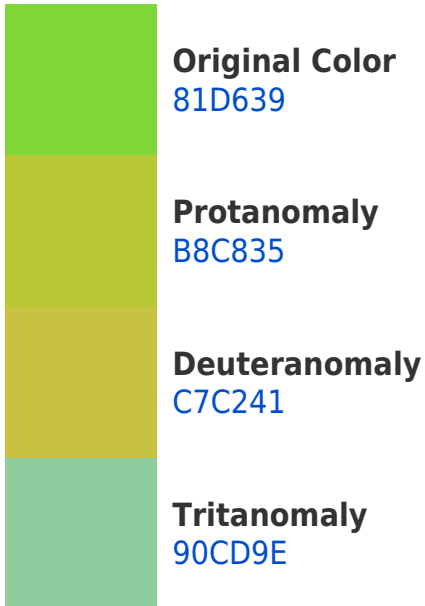
Dichromacy



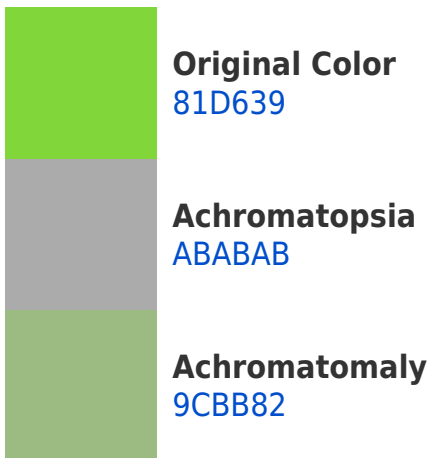


Tritanopia
98C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81D639 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 #81D639 looks like.

```
.text, #text, p{  
    color:#81D639  
}
```

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 #81D639 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81D639
}
```

Border

The CSS property to change the border of an element to Hex 81D639 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
#81D639 }
```

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

```
.border{ border-color:#81D639 }
```

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

Here you see how a box with a 4 pixel #81D639 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81D639; -webkit-box-shadow:4px 4px  
4px 4px #81D639; box-shadow:4px 4px 4px  
4px #81D639 }
```

Background

The CSS property to change the background color of an element to Hex 81D639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81D639 }
```

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

```
.background{ background-color:#81D639 }
```

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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