

Converting Colors

Hex(81DF2D)

Have a look what the booklet for
Hex(81DF2D) contains.

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Color

Hex(81DF2D)

Conversions

Conversions Part 1

Format	Color
Hex	81DF2D
RGB	129, 223, 45
RGB Percent	51%, 87%, 18%
CMY	0.4941, 0.1255, 0.8235
CMYK	0.42, 0.00, 0.80, 0.13
HSL	92°, 74%, 53%
HSV	92°, 80%, 87%
XYZ	35.9146, 57.6319, 11.7138
YIQ	174.6020, 1.1140, -75.2860

Conversions

Conversions Part 2

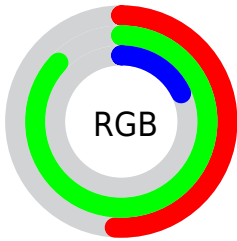
Format	Color
RYB	45, 223, 139
Decimal	8511277
CIELab	80.53, -54.62, 71.32
CIELCh	81, 89.828, 127.446
Yxy	57.6319, 0.3412, 0.5475
Android (android.graphics.Color)	4286701357 (0xFF81DF2D)
YUV	174.6020, -63.8938, -39.9930
Hunter-Lab	75.9157, -48.4068, 43.9925

Details

The Hex color **81DF2D** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **8B2DDF**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **BCFF6A**, and **44A700** is the 20% darker color. If you saturate the color by 10%, you get **75DF17**, and if you desaturate by 10%, it is **8DDF43**.

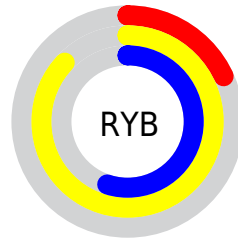
Distribution



Red (51%)

Green (87%)

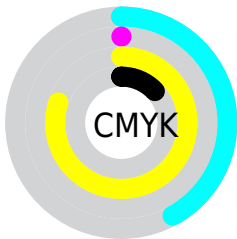
Blue (18%)



Red (18%)

Yellow (87%)

Blue (55%)

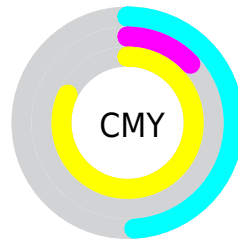


Cyan (42%)

Magenta (0%)

Yellow (80%)

Black (13%)



Cyan (49%)

Magenta (13%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81DF2D 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 81DF2D by changing the saturation by 10% instead.

 81DF2D

 81DF2D

FFFFFF

 63C300

 BCFF6A

 44A700

 DAFF87

 1E8C00

 F9FFA3

 007200

 FFFFC0

 005800

 FFFFDD

 004000

 FFFFFB

 002900

 000400

 000000

 81DF2D

 81DF2D

 75DF17

 8DDF43

 69DF00

 99DF5A

 A4DF70

 B0DF86

 BCDF9D

 C8DFB3

 D3DFC9

 DFDFDF

 EBDFF6

Harmonies

Analogous

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



DCCB00



81DF2D



00EA83

Triad

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



81DF2D



00E2FF



FF6DB6

Complementary

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



81DF2D



8B2DDF

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.



FF7FFF



81DF2D



00CBFF

Square

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



81DF2D



00ECFF



E3A7FF



FF8566

Rectangle

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



81DF2D



00EDBE



E3A7FF



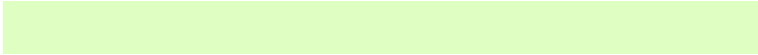
FF6ED3

Sweetspot

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



81DF2D



DFFFC2



DF892D



6C805B



000000



808080

Same Dimension

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



81DF2D



7EFF0A



2DDF30



6A7065



53B000



173000

Inverse Universe

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



8B2DDF



8B0AFF



DF2DDC



6B6570



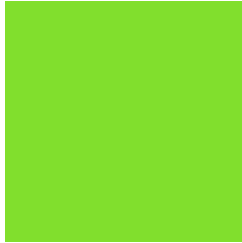
5D00B0



1A0030

Previews

White Background



This preview shows how the Hex color 81DF2D looks on a white background.

Color Contrast Check

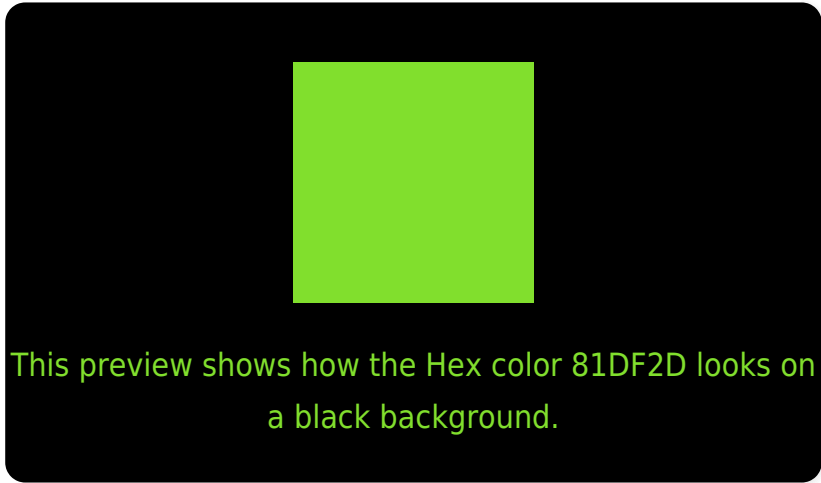
Large Text (above 18pt) WCAG AA × Fail

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 81DF2D Background



This preview shows how black text looks on a background with the Hex color 81DF2D.



This preview shows how white text looks on a background with the Hex color 81DF2D.

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](#).

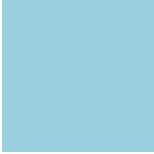
Dichromacy



Original Color
81DF2D

Protanopia
E0C727

Deuteranopia
F9BD3E



Tritanopia
9AD0E0

Trichromacy



Original Color
81DF2D



Protanomaly
BDD029



Deuteranomaly
CDC938

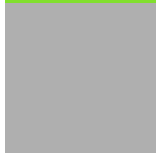


Tritanomaly
91D59F

Monochromacy



Original Color
81DF2D



Achromatopsia
AFAFAF



Achromatomaly
9EC080

CSS Examples

Text

The CSS property to change the color of the text to Hex 81DF2D 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 #81DF2D looks like.

```
.text, #text, p{  
    color:#81DF2D  
}
```

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 #81DF2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81DF2D
}
```

Border

The CSS property to change the border of an element to Hex 81DF2D 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
#81DF2D }
```

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

```
.border{ border-color:#81DF2D }
```

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

Here you see how a box with a 4 pixel #81DF2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81DF2D; -webkit-box-shadow:4px 4px  
4px 4px #81DF2D; box-shadow:4px 4px 4px  
4px #81DF2D }
```

Background

The CSS property to change the background color of an element to Hex 81DF2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81DF2D }
```

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

```
.background{ background-color:#81DF2D }
```

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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