

Converting Colors

Hex(81DF76)

Have a look what the booklet for
Hex(81DF76) contains.

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Color

Hex(81DF76)

Conversions

Conversions Part 1

Format	Color
Hex	81DF76
RGB	129, 223, 118
RGB Percent	51%, 87%, 46%
CMY	0.4941, 0.1255, 0.5373
CMYK	0.42, 0.00, 0.47, 0.13
HSL	114°, 62%, 67%
HSV	114°, 47%, 87%
XYZ	38.7110, 58.7505, 26.4392
YIQ	182.9240, -22.3190, -52.5830

Conversions

Conversions Part 2

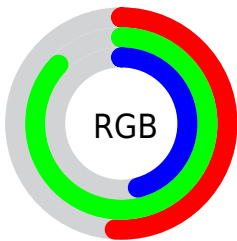
Format	Color
RYB	118, 223, 212
Decimal	8511350
CIELab	81.15, -48.14, 42.73
CIElCh	81, 64.373, 138.407
Yxy	58.7505, 0.3124, 0.4742
Android (android.graphics.Color)	4286701430 (0xFF81DF76)
YUV	182.9240, -32.0075, -47.2913
Hunter-Lab	76.6489, -43.9854, 33.2027

Details

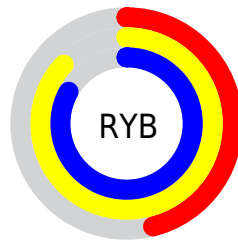
The Hex color **81DF76** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D476DF**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **BAFFAC**, and **48A743** is the 20% darker color. If you saturate the color by 10%, you get **6DDF60**, and if you desaturate by 10%, it is **95DF8C**.

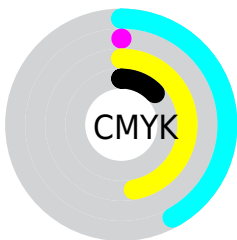
Distribution



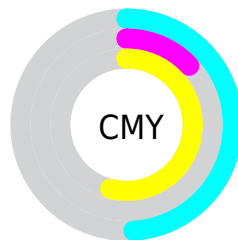
- Red (51%)
- Green (87%)
- Blue (46%)



- Red (46%)
- Yellow (87%)
- Blue (83%)



- Cyan (42%)
- Magenta (0%)
- Yellow (47%)
- Black (13%)



- Cyan (49%)
- Magenta (13%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81DF76 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 81DF76 by changing the saturation by 10% instead.

 81DF76

FFFFFF

 BAFFAC

 D7FFC8

 F5FFE4

 81DF76

 65C35C

 48A743

 288C29

 00720D

 005900

 004000

 002B00

 000800

 000000

 81DF76

 81DF76

 6DDF60

 95DF8C

 59DF49

 A9DFA3

 45DF33

 BDDFB9

 31DF1D

 D1DFCF

 1DDF06

 E5DFE6

 17DF00

 F9DFFC

 FFDFFF

Harmonies

Analogous

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



C7D250



81DF76



00E6AF

Triad

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



81DF76



00D7FF



FF96A7

Complementary

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



81DF76



D476DF

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.



FF97E4



81DF76



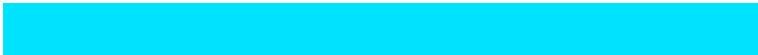
A4C3FF

Square

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



81DF76



00E3FF



FCABFF



FFA771

Rectangle

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



81DF76



00E8D9



FCABFF



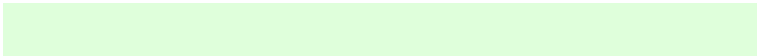
FF94BB

Sweetspot

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



81DF76



DFFFDB



DFD376



6C806A



000000



808080

Same Dimension

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



81DF76



7DFF6E



76DF9E



667065



12B000



053000

Inverse Universe

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



D476DF



F06EFF



DF76B7



6F6570



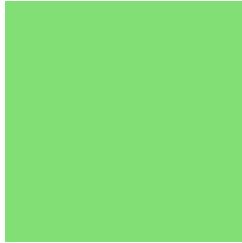
9E00B0



2B0030

Previews

White Background



This preview shows how the Hex color 81DF76 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 81DF76 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

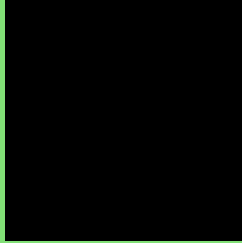
Any Text WCAG AA ✓ Pass

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 81DF76 Background



This preview shows how black text looks on a background with the Hex color 81DF76.

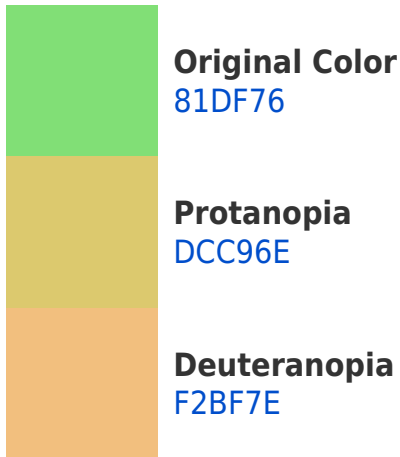


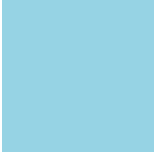
This preview shows how white text looks on a background with the Hex color 81DF76.

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](#).

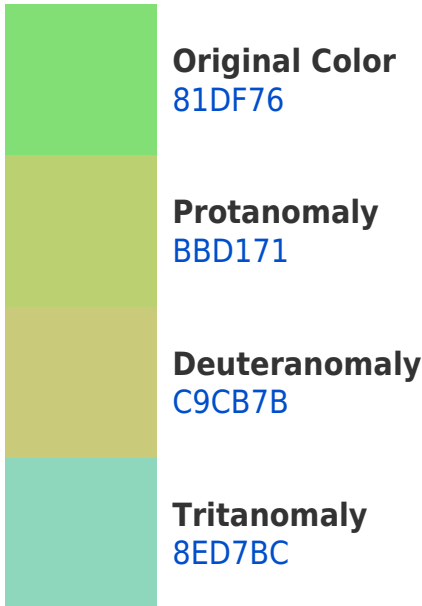
Dichromacy



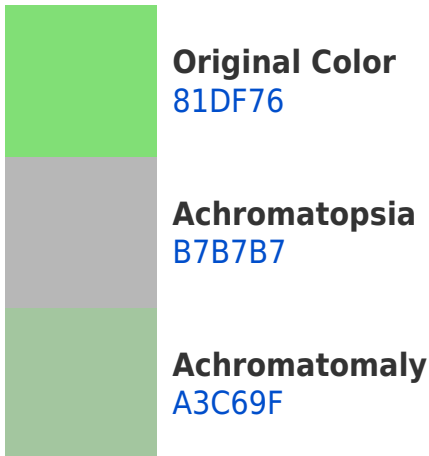


Tritanopia
96D3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81DF76 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 #81DF76 looks like.

```
.text, #text, p{  
    color:#81DF76  
}
```

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 #81DF76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81DF76
}
```

Border

The CSS property to change the border of an element to Hex 81DF76 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
#81DF76 }
```

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

```
.border{ border-color:#81DF76 }
```

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

Here you see how a box with a 4 pixel #81DF76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81DF76; -webkit-box-shadow:4px 4px  
4px 4px #81DF76; box-shadow:4px 4px 4px  
4px #81DF76 }
```

Background

The CSS property to change the background color of an element to Hex 81DF76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81DF76 }
```

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

```
.background{ background-color:#81DF76 }
```

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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