

Converting Colors

Hex(81DA7F)

Have a look what the booklet for
Hex(81DA7F) contains.

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Color

Hex(81DA7F)

Conversions

Conversions Part 1

Format	Color
Hex	81DA7F
RGB	129, 218, 127
RGB Percent	51%, 85%, 50%
CMY	0.4941, 0.1451, 0.5020
CMYK	0.41, 0.00, 0.42, 0.15
HSL	119°, 55%, 68%
HSV	119°, 42%, 85%
XYZ	37.9554, 56.3422, 28.9534
YIQ	181.0150, -23.8330, -47.1690

Conversions

Conversions Part 2

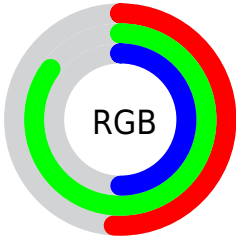
Format	Color
RYB	127, 218, 216
Decimal	8510079
CIELab	79.81, -44.77, 36.58
CIElCh	80, 57.810, 140.751
Yxy	56.3422, 0.3080, 0.4571
Android (android.graphics.Color)	4286700159 (0xFF81DA7F)
YUV	181.0150, -26.6294, -45.6172
Hunter-Lab	75.0615, -41.0976, 29.6732

Details

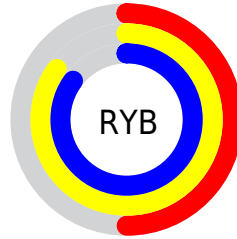
The Hex color **81DA7F** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D87FDA**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **B9FFB5**, and **49A24C** is the 20% darker color. If you saturate the color by 10%, you get **6CDA69**, and if you desaturate by 10%, it is **96DA95**.

Distribution



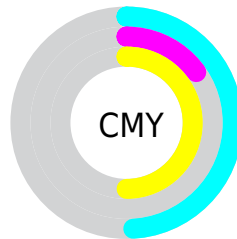
- Red (51%)
- Green (85%)
- Blue (50%)



- Red (50%)
- Yellow (85%)
- Blue (85%)



- Cyan (41%)
- Magenta (0%)
- Yellow (42%)
- Black (15%)




- Cyan (49%)
- Magenta (15%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81DA7F 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 81DA7F by changing the saturation by 10% instead.

 81DA7F

 81DA7F

FFFFFF

 65BE65

 B9FFB5

 49A24C

 D6FFD1

 2B8834

 F4FFED

 006E1B

 005400

 003C00

 002700

 000000

 81DA7F

 81DA7F

 6CDA69

 96DA95

 56DA53

 ACDAAB

 41DA3E

 C1DAC0

 2CDA28

 D6DAD6

 16DA12

 ECDAEC

 05DA00

 FFDAFF

Harmonies

Analogous

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



C1CE5C



81DA7F



00E0B3

Triad

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



81DA7F



19D1FF



FF9AA3

Complementary

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



81DA7F



D87FDA

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.



FF9AD9



81DA7F



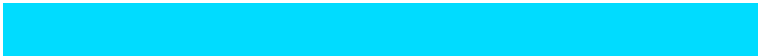
AEBEFF

Square

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



81DA7F



00DCFF



F8A9FF



FFA974

Rectangle

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



81DA7F



00E1D8



F8A9FF



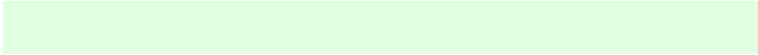
FF98B4

Sweetspot

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



81DA7F



DFFFDE



DAD77F



6C806B



000000



808080

Same Dimension

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



81DA7F



82FF80



7FDAA9



636E63



04AD00



012E00

Inverse Universe

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



D87FDA



FC80FF



DA7FB0



6D636E



AA00AD



2D002E

Previews

White Background



This preview shows how the Hex color 81DA7F looks on a white background.

Color Contrast Check

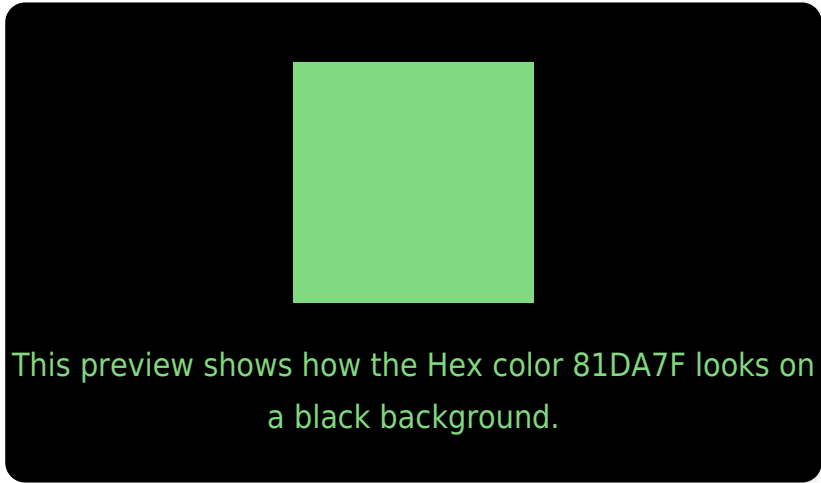
Large Text (above 18pt) WCAG AA × Fail

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

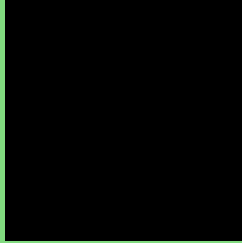
Any Text WCAG AA ✓ Pass

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 81DA7F Background



This preview shows how black text looks on a background with the Hex color 81DA7F.

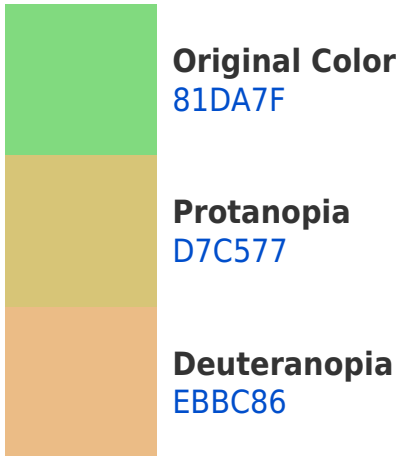


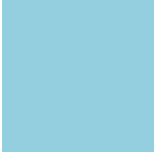
This preview shows how white text looks on a background with the Hex color 81DA7F.

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](#).

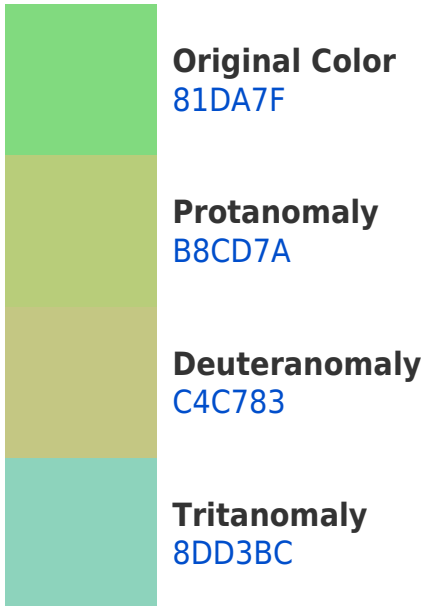
Dichromacy



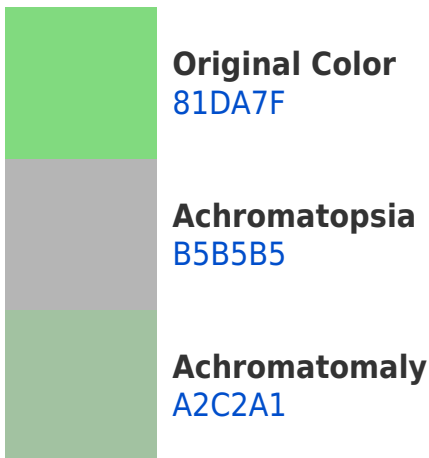


Tritanopia
94CFDF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81DA7F 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 #81DA7F looks like.

```
.text, #text, p{  
    color:#81DA7F  
}
```

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 #81DA7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81DA7F
}
```

Border

The CSS property to change the border of an element to Hex 81DA7F 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
#81DA7F }
```

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

```
.border{ border-color:#81DA7F }
```

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

Here you see how a box with a 4 pixel #81DA7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81DA7F; -webkit-box-shadow:4px 4px  
4px 4px #81DA7F; box-shadow:4px 4px 4px  
4px #81DA7F }
```

Background

The CSS property to change the background color of an element to Hex 81DA7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81DA7F }
```

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

```
.background{ background-color:#81DA7F }
```

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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