

Converting Colors

Hex(81DABF)

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

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Color

Hex(81DABF)

Conversions

Conversions Part 1

Format	Color
Hex	81DABF
RGB	129, 218, 191
RGB Percent	51%, 85%, 75%
CMY	0.4941, 0.1451, 0.2510
CMYK	0.41, 0.00, 0.12, 0.15
HSL	162°, 55%, 68%
HSV	162°, 41%, 85%
XYZ	43.5286, 58.5715, 58.3014
YIQ	188.3110, -44.3770, -27.2650

Conversions

Conversions Part 2

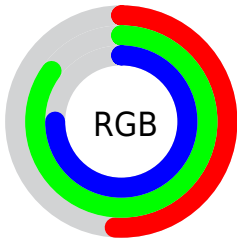
Format	Color
RYB	129, 181, 218
Decimal	8510143
CIELab	81.06, -32.94, 4.93
CIElCh	81, 33.306, 171.487
Yxy	58.5715, 0.2714, 0.3652
Android (android.graphics.Color)	4286700223 (0xFF81DABF)
YUV	188.3110, 1.3257, -52.0157
Hunter-Lab	76.5320, -32.4068, 8.4058

Details

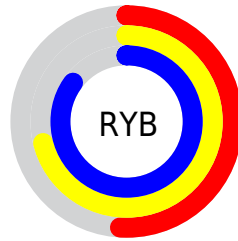
The Hex color **81DABF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DA819C**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **B9FFF7**, and **49A38A** is the 20% darker color. If you saturate the color by 10%, you get **6BDAB8**, and if you desaturate by 10%, it is **97DAC6**.

Distribution



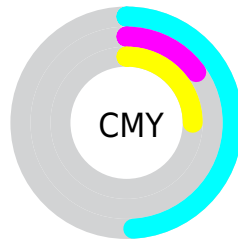
- Red (51%)
- Green (85%)
- Blue (75%)



- Red (51%)
- Yellow (71%)
- Blue (85%)



- Cyan (41%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)



- Cyan (49%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 81DABF

 81DABF

FFFFFF

 65BEA4

 B9FFF7

 49A38A

 D6FFF7

 2C8870

 F4FFF7

 006E58

 005541

 003D2B

 002716

 000700

 000000

 81DABF

 81DABF

 6BDAB8

 97DAC6

 55DAB2

 ADDACC

 40DAAB

 C2DAD3

 2ADAA5

 D8DAD9

 14DA9E

 EEDAE0

 00DA98

 FFDAE7

 FFDAED

 FFDAF4

 FFDAFB

Harmonies

Analogous

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



A4D6A2



81DABF



68DADF

Triad

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



81DABF



C2C4FF



FEBA9A

Complementary

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



81DABF



DA819C

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.



FFB3B4



81DABF



E8BAF0

Square

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



81DABF



94CFFF



FFB3D4



E8C48C

Rectangle

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



81DABF



68D8F1



FFB3D4



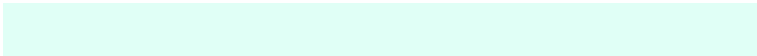
FFB7A1

Sweetspot

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



81DABF



E0FFF6



9DDA81



6E807A



000000



808080

Same Dimension

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



81DABF



82FFD9



81CADA



636E6A



00AD79



002E20

Inverse Universe

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



DA819C



FF82A8



DA9181



6E6366



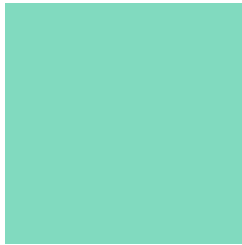
AD0035



2E000E

Previews

White Background



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

Color Contrast Check

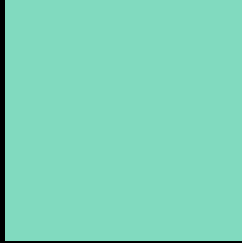
Large Text (above 18pt) WCAG AA × Fail

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 81DABF 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 81DABF Background



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

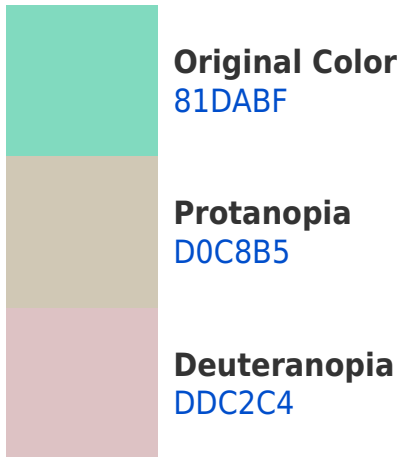


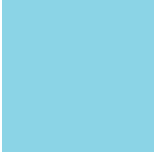
This preview shows how white text looks on a background with the Hex color 81DABF.

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



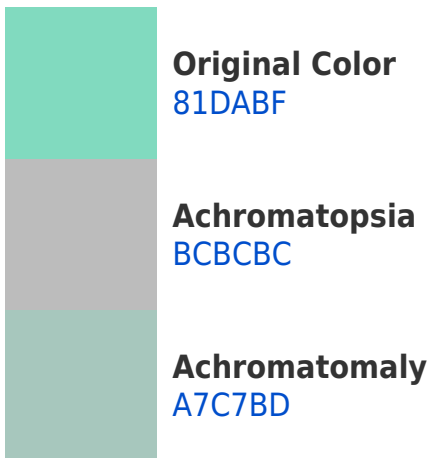


Tritanopia
8BD4E6

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #81DABF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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