

# Converting Colors

Hex(81DFD9)

Have a look what the booklet for  
Hex(81DFD9) contains.

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**Color**

**Hex(81DFD9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81DFD9
RGB	129, 223, 217
RGB Percent	51%, 87%, 85%
CMY	0.4941, 0.1255, 0.1490
CMYK	0.42, 0.00, 0.03, 0.13
HSL	176°, 59%, 69%
HSV	176°, 42%, 87%
XYZ	47.9653, 62.4522, 75.1721
YIQ	194.2100, -54.0980, -21.7940

# Conversions

## Conversions Part 2

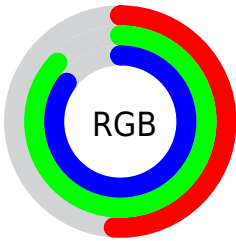
Format	Color
<a href="#">RYB</a>	<a href="#">129, 178, 223</a>
Decimal	<a href="#">8511449</a>
CIELab	<a href="#">83.15, -29.31, -5.81</a>
CIElCh	<a href="#">83, 29.879, 191.214</a>
Yxy	<a href="#">62.4522, 0.2584, 0.3365</a>
Android (android.graphics.Color)	<a href="#">4286701529</a> ( <a href="#">0xFF81DFD9</a> )
YUV	<a href="#">194.2100, 11.2355, -57.1892</a>
Hunter-Lab	<a href="#">79.0267, -29.9561, -1.0793</a>

# Details

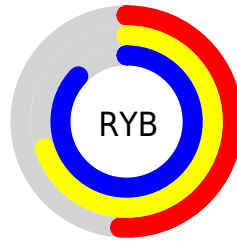
The Hex color **81DFD9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DF8187**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **BAFFFF**, and **47A7A2** is the 20% darker color. If you saturate the color by 10%, you get **6BDFD8**, and if you desaturate by 10%, it is **97DFDA**.

# Distribution



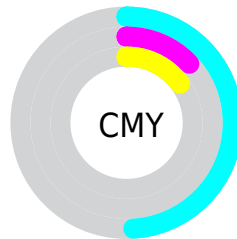
- Red (51%)
- Green (87%)
- Blue (85%)



- Red (51%)
- Yellow (70%)
- Blue (87%)



- Cyan (42%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)



- Cyan (49%)
- Magenta (13%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81DFD9 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 81DFD9 by changing the saturation by 10% instead.



 81DFD9

 81DFD9

FFFFFF

 65C3BD

 BAFFFF

 47A7A2

 D8FFFF

 278D88

 F5FFFF

 00736F

 005A56

 00423F

 002B29

 001415

 000000

 81DFD9

 81DFD9

 6BDFD8

 97DFDA

 54DFD6

 AEDFDC

 3EDFD5

 C4DFDD

 28DFD3

 DADDFD

 12DFD2

 F0DFE0

 00DFD1

 FFDFE2

 FFDFE3

 FFDFE4

 FFDFE6

# Harmonies

## Analogous

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



9ADEBC



81DFD9



7DDDF3

# Triad

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



81DFD9



E1C4F9



F3C79B

# Complementary

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



81DFD9



DF8187

# 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.



FFBFAB



81DFD9



FCBDE2

# Square

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



81DFD9



BBCEFF



FFBBC5



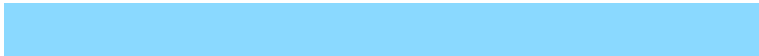
D9D198

# Rectangle

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



81DFD9



8AD9FF



FFBBC5



FAC49F

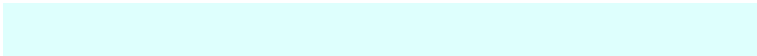


# Sweetspot

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



81DFD9



DEFFFD



87DF81



6B807E



000000



808080



# Same Dimension

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



81DFD9



7DFFF7



81B6DF



65706F



00B0A5



00302D



# Inverse Universe

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



DF8187



FF7D85



DFAA81



706566



B0000B

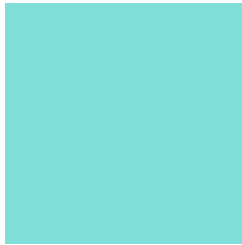


300003



# Previews

## White Background



This preview shows how the Hex color 81DFD9 looks on a white background.

## Color Contrast Check

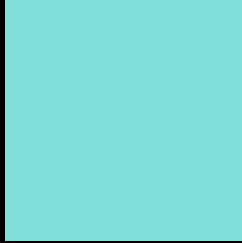
Large Text (above 18pt) WCAG AA × Fail

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 81DFD9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

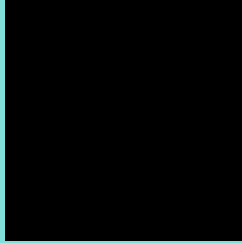
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

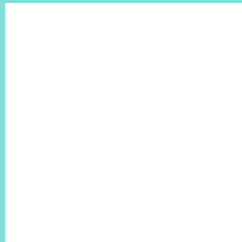
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 81DFD9 Background



This preview shows how black text looks on a background with the Hex color 81DFD9.

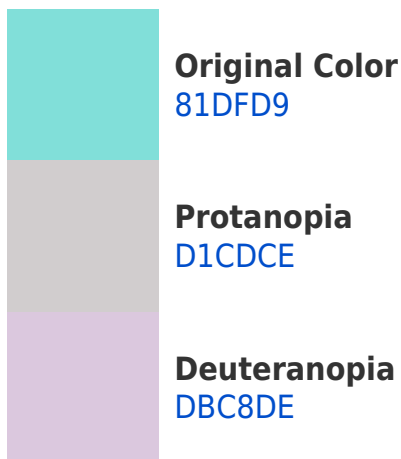


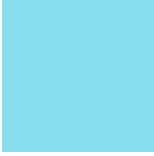
This preview shows how white text looks on a background with the Hex color 81DFD9.

# 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](#).

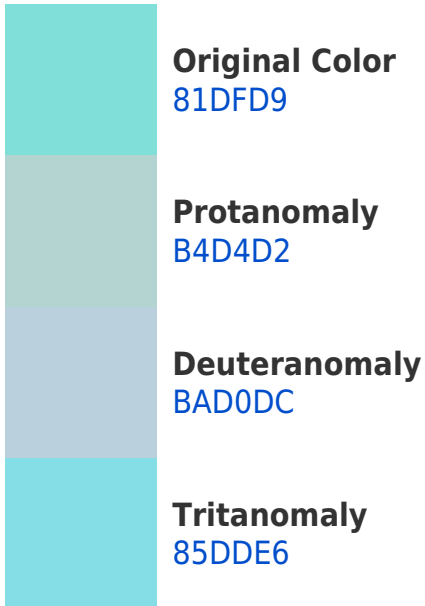
## Dichromacy



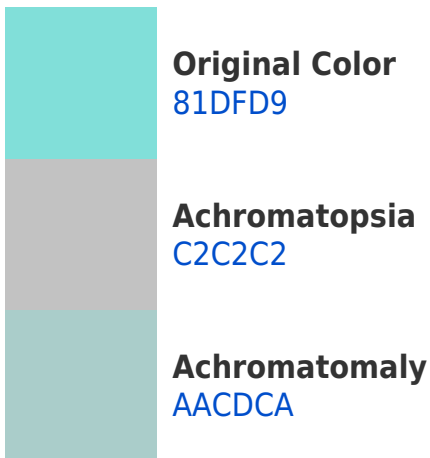


**Tritanopia**  
87DCEE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81DFD9 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 #81DFD9 looks like.

```
.text, #text, p{  
    color:#81DFD9  
}
```

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 #81DFD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81DFD9
}
```

## Border

The CSS property to change the border of an element to Hex 81DFD9 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
#81DFD9 }
```

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

```
.border{ border-color:#81DFD9 }
```

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

Here you see how a box with a 4 pixel #81DFD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81DFD9; -webkit-box-shadow:4px 4px  
4px 4px #81DFD9; box-shadow:4px 4px 4px  
4px #81DFD9 }
```

# Background

The CSS property to change the background color of an element to Hex 81DFD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81DFD9 }
```

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

```
.background{ background-color:#81DFD9 }
```

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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