

Converting Colors

Hex(81DE9F)

Have a look what the booklet for
Hex(81DE9F) contains.

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Color

Hex(81DE9F)

Conversions

Conversions Part 1

Format	Color
Hex	81DE9F
RGB	129, 222, 159
RGB Percent	51%, 87%, 62%
CMY	0.4941, 0.1294, 0.3765
CMYK	0.42, 0.00, 0.28, 0.13
HSL	139°, 58%, 69%
HSV	139°, 42%, 87%
XYZ	41.4325, 59.4129, 42.0850
YIQ	187.0110, -35.2050, -39.3090

Conversions

Conversions Part 2

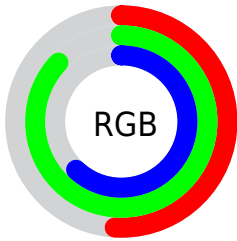
Format	Color
RYB	129, 199, 222
Decimal	8511135
CIELab	81.52, -41.22, 22.45
CIELCh	82, 46.937, 151.428
Yxy	59.4129, 0.2899, 0.4157
Android (android.graphics.Color)	4286701215 (0xFF81DE9F)
YUV	187.0110, -13.8094, -50.8756
Hunter-Lab	77.0798, -38.9408, 21.5839

Details

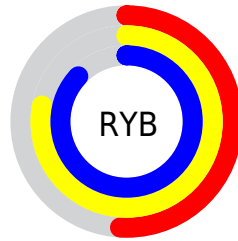
The Hex color **81DE9F** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DE81C0**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **B9FFD6**, and **49A66B** is the 20% darker color. If you saturate the color by 10%, you get **6BDE90**, and if you desaturate by 10%, it is **97DEAE**.

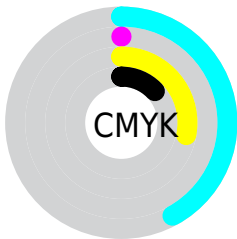
Distribution



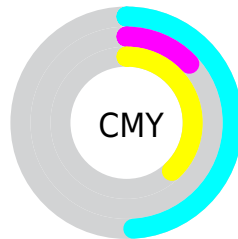
- Red (51%)
- Green (87%)
- Blue (62%)



- Red (51%)
- Yellow (78%)
- Blue (87%)



- Cyan (42%)
- Magenta (0%)
- Yellow (28%)
- Black (13%)



- Cyan (49%)
- Magenta (13%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81DE9F 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 81DE9F by changing the saturation by 10% instead.

 81DE9F

 81DE9F

FFFFFF

 65C285

 B9FFD6

 49A66B

 D6FFF2

 2C8B53

 F4FFFF

 00713B


 005825


 00400F

 002A00

 000A00

 000000

 81DE9F

 81DE9F

 6BDE90

 97DEAE

 55DE81

 ADDEBD

 3EDE72

 C4DECC

 28DE63

 DADEDB

 12DE54

 F0DEEA

 00DE48

 FFDEF9

 FFDEFF

Harmonies

Analogous

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



B7D67E



81DE9F



39E2CB

Triad

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



81DE9F



8BCEFF



FFAC9F

Complementary

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



81DE9F



DE81C0

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.



FFA8CA



81DE9F



D2BEFF

Square

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



81DE9F



22DAFF



FFAFF5



FFB97E

Rectangle

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



81DE9F



00E2E9



FFAFF5



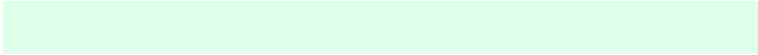
FFA9AD

Sweetspot

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



81DE9F



DEFFE9



C1DE81



6B8072



000000



808080

Same Dimension

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



81DE9F



80FFA9



81DECD



657069



00B039



003010

Inverse Universe

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



DE81C0



FF80D6



DE8192



70656D



B00077



300021

Previews

White Background



This preview shows how the Hex color 81DE9F 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 81DE9F 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 81DE9F Background



This preview shows how black text looks on a background with the Hex color 81DE9F.

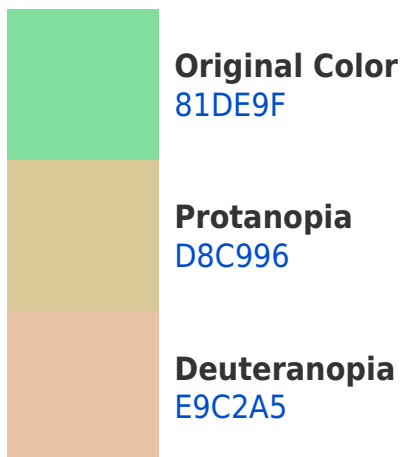


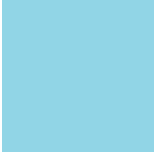
This preview shows how white text looks on a background with the Hex color 81DE9F.

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](#).

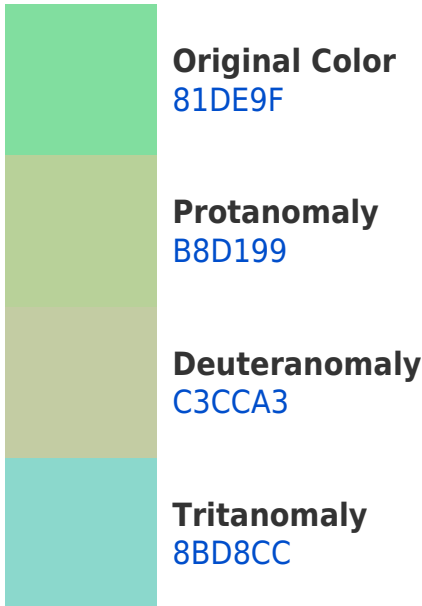
Dichromacy



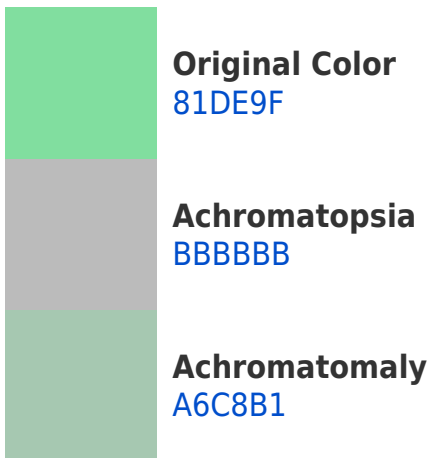


Tritanopia
91D5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81DE9F 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 #81DE9F looks like.

```
.text, #text, p{  
    color:#81DE9F  
}
```

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 #81DE9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81DE9F
}
```

Border

The CSS property to change the border of an element to Hex 81DE9F 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
#81DE9F }
```

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

```
.border{ border-color:#81DE9F }
```

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

Here you see how a box with a 4 pixel #81DE9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81DE9F; -webkit-box-shadow:4px 4px  
4px 4px #81DE9F; box-shadow:4px 4px 4px  
4px #81DE9F }
```

Background

The CSS property to change the background color of an element to Hex 81DE9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81DE9F }
```

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

```
.background{ background-color:#81DE9F }
```

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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