

# Converting Colors

Hex(81D39C)

Have a look what the booklet for  
Hex(81D39C) contains.

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**Color**

**Hex(81D39C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81D39C
RGB	129, 211, 156
RGB Percent	51%, 83%, 61%
CMY	0.4941, 0.1725, 0.3882
CMYK	0.39, 0.00, 0.26, 0.17
HSL	140°, 48%, 67%
HSV	140°, 39%, 83%
XYZ	38.3483, 53.6560, 39.7880
YIQ	180.2120, -31.2170, -34.4890

# Conversions

## Conversions Part 2

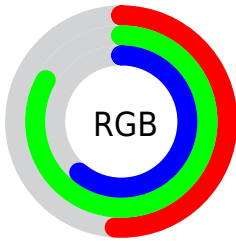
Format	Color
<a href="#">RYB</a>	<a href="#">129, 191, 211</a>
Decimal	<a href="#">8508316</a>
CIELab	<a href="#">78.26, -36.83, 19.53</a>
CIElCh	<a href="#">78, 41.690, 152.062</a>
Yxy	<a href="#">53.6560, 0.2910, 0.4071</a>
Android (android.graphics.Color)	<a href="#">4286698396 (0xFF81D39C)</a>
YUV	<a href="#">180.2120, -11.9365, -44.9129</a>
Hunter-Lab	<a href="#">73.2502, -34.7388, 19.0701</a>

# Details

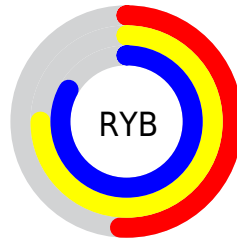
The Hex color **81D39C** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D381B8**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **B9FFD3**, and **4B9C69** is the 20% darker color. If you saturate the color by 10%, you get **6CD38E**, and if you desaturate by 10%, it is **96D3AA**.

# Distribution



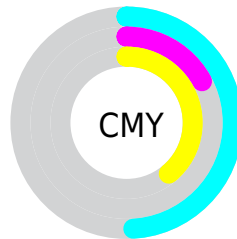
- Red (51%)
- Green (83%)
- Blue (61%)



- Red (51%)
- Yellow (75%)
- Blue (83%)



- Cyan (39%)
- Magenta (0%)
- Yellow (26%)
- Black (17%)



- Cyan (49%)
- Magenta (17%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81D39C 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 81D39C by changing the saturation by 10% instead.



 81D39C

 81D39C

FFFFFF

 66B782

 B9FFD3

 4B9C69

 D5FFEF

 2F8150

 F2FFFF

 0C6839


 004F23

 00370D

 002300

 000000

 81D39C

 81D39C

 6CD38E

 96D3AA

 57D380

 ABD3B8

 42D372

 C0D3C6

 2DD363

 D5D3D5

 18D355

 EBD3E3

 02D347

 FFD3F1

 00D345

 FFD3FF

# Harmonies

## Analogous

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



B0CB7F



81D39C



4BD6C3

# Triad

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



81D39C



8EC4FF



FFA79A

# Complementary

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



81D39C



D381B8

# 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.



FFA3C0



81D39C



C9B7FF

# Square

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



81D39C



47CFFF



F5AAE7



F9B37E

# Rectangle

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



81D39C



22D6DD



F5AAE7



FFA5A6

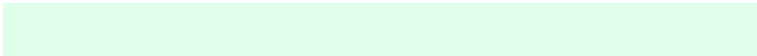


# Sweetspot

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



81D39C



E0FFEA



B9D381



6E8074



000000



808080

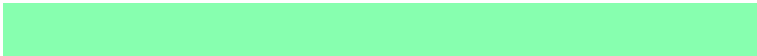


# Same Dimension

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



81D39C



87FFAF



81D3C4



5E6962



00A837



00290D



# Inverse Universe

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



D381B8



FF87D8



D38190



695E65



A80071



29001B



# Previews

## White Background



This preview shows how the Hex color 81D39C 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 81D39C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

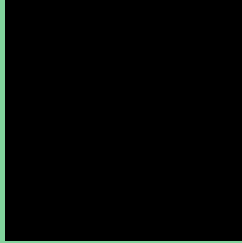
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 81D39C Background



This preview shows how black text looks on a background with the Hex color 81D39C.

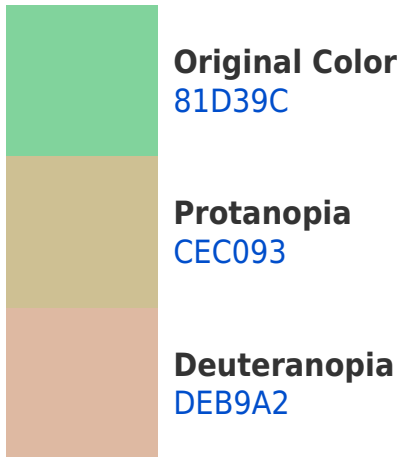


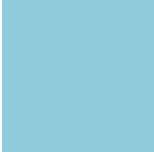
This preview shows how white text looks on a background with the Hex color 81D39C.

# 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](#).

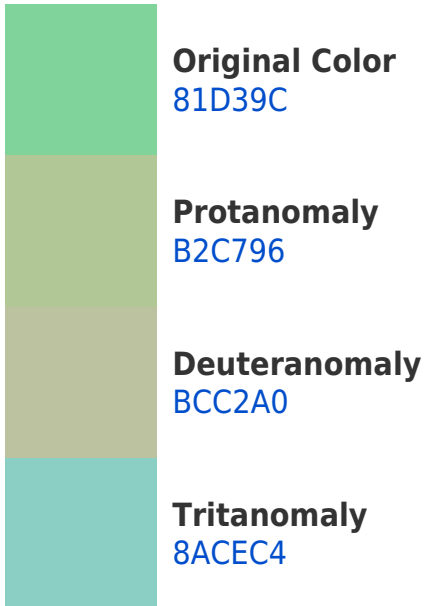
## Dichromacy



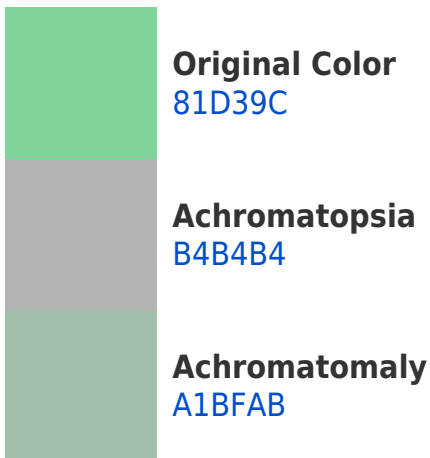


**Tritanopia**  
8FCBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81D39C 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 #81D39C looks like.

```
.text, #text, p{  
    color:#81D39C  
}
```

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 #81D39C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81D39C
}
```

## Border

The CSS property to change the border of an element to Hex 81D39C 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
#81D39C }
```

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

```
.border{ border-color:#81D39C }
```

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

Here you see how a box with a 4 pixel #81D39C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81D39C; -webkit-box-shadow:4px 4px  
4px 4px #81D39C; box-shadow:4px 4px 4px  
4px #81D39C }
```

# Background

The CSS property to change the background color of an element to Hex 81D39C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81D39C }
```

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

```
.background{ background-color:#81D39C }
```

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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