

Converting Colors

Hex(82D399)

Have a look what the booklet for
Hex(82D399) contains.

Hex(82D399)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(82D399)

Conversions

Conversions Part 1

Format	Color
Hex	82D399
RGB	130, 211, 153
RGB Percent	51%, 83%, 60%
CMY	0.4902, 0.1725, 0.4000
CMYK	0.38, 0.00, 0.27, 0.17
HSL	137°, 48%, 67%
HSV	137°, 38%, 83%
XYZ	38.2500, 53.6343, 38.4735
YIQ	180.1690, -29.6580, -35.2100

Conversions

Conversions Part 2

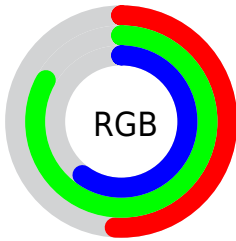
Format	Color
RYB	130, 193, 211
Decimal	8573849
CIELab	78.25, -37.09, 21.10
CIELCh	78, 42.676, 150.364
Yxy	53.6343, 0.2934, 0.4114
Android (android.graphics.Color)	4286763929 (0xFF82D399)
YUV	180.1690, -13.3943, -43.9982
Hunter-Lab	73.2354, -34.9336, 20.1174

Details

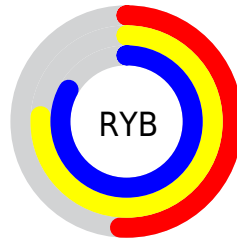
The Hex color **82D399** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D382BC**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **BAFFD0**, and **4C9C66** is the 20% darker color. If you saturate the color by 10%, you get **6DD38A**, and if you desaturate by 10%, it is **97D3A8**.

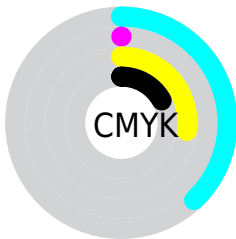
Distribution



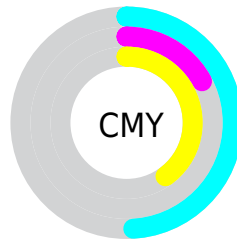
- Red (51%)
- Green (83%)
- Blue (60%)



- Red (51%)
- Yellow (76%)
- Blue (83%)



- Cyan (38%)
- Magenta (0%)
- Yellow (27%)
- Black (17%)



- Cyan (49%)
- Magenta (17%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82D399 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 82D399 by changing the saturation by 10% instead.



82D399



82D399

FFFFFF



67B77F



BAFFD0



4C9C66



D6FFEC



30814D



F3FFFF



0F6836



004F20



00370A



002300



000000



82D399



82D399

 6DD38A

 97D3A8

 58D37B

 ACD3B7

 43D36C

 C1D3C6

 2ED35D

 D6D3D5

 18D34D

 EBD3E5

 03D33E

 FFD3F4

 00D33C

 FFD3FF

Harmonies

Analogous

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



B2CB7C



82D399



49D7C1

Triad

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



82D399



88C5FF



FFA69B

Complementary

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



82D399



D382BC

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.



FFA2C3



82D399



C6B7FF

Square

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



82D399



3BD0FF



F4A9E9



FBB17E

Rectangle

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



82D399



15D6DC



F4A9E9



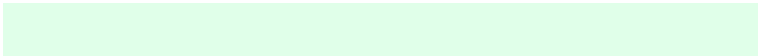
FFA4A8

Sweetspot

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



82D399



E0FFE9



BCD382



6E8073



000000



808080

Same Dimension

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



82D399



8AFFAB



82D3C1



5E6961



00A830



00290C

Inverse Universe

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



D382BC



FF8ADE



D38294



695E66



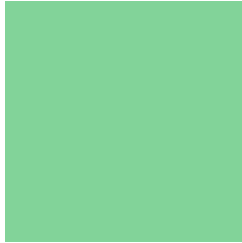
A80079



29001D

Previews

White Background



This preview shows how the Hex color 82D399 looks on a white background.

Color Contrast Check

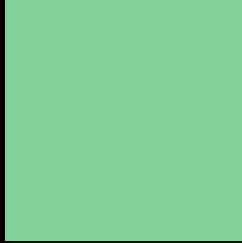
Large Text (above 18pt) WCAG AA × Fail

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 82D399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

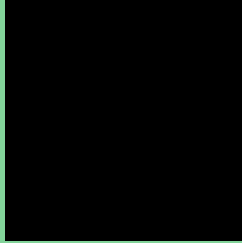
Any Text WCAG AA ✓ Pass

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 82D399 Background



This preview shows how black text looks on a background with the Hex color 82D399.

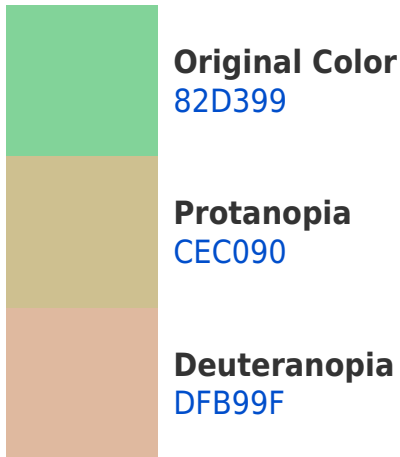


This preview shows how white text looks on a background with the Hex color 82D399.

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
90CADB

Trichromacy



Original Color
82D399



Protanomaly
B2C793



Deuteranomaly
BDC29D



Tritanomaly
8BCDC3

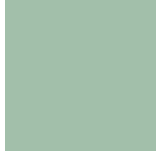
Monochromacy



Original Color
82D399



Achromatopsia
B4B4B4



Achromatomaly
A2BFAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 82D399 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 #82D399 looks like.

```
.text, #text, p{  
    color:#82D399  
}
```

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 #82D399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82D399
}
```

Border

The CSS property to change the border of an element to Hex 82D399 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
#82D399 }
```

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

```
.border{ border-color:#82D399 }
```

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

Here you see how a box with a 4 pixel #82D399 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82D399; -webkit-box-shadow:4px 4px  
4px 4px #82D399; box-shadow:4px 4px 4px  
4px #82D399 }
```

Background

The CSS property to change the background color of an element to Hex 82D399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82D399 }
```

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

```
.background{ background-color:#82D399 }
```

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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