

Converting Colors

Hex(78D39B)

Have a look what the booklet for
Hex(78D39B) contains.

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Color

Hex(78D39B)

Conversions

Conversions Part 1

Format	Color
Hex	78D39B
RGB	120, 211, 155
RGB Percent	47%, 83%, 61%
CMY	0.5294, 0.1725, 0.3922
CMYK	0.43, 0.00, 0.27, 0.17
HSL	143°, 51%, 65%
HSV	143°, 43%, 83%
XYZ	36.9564, 52.9482, 39.2826
YIQ	177.4070, -36.2600, -36.7080

Conversions

Conversions Part 2

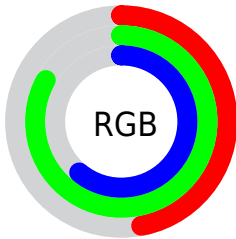
Format	Color
RYB	120, 186, 211
Decimal	7918491
CIELab	77.84, -39.56, 19.42
CIELCh	78, 44.073, 153.852
Yxy	52.9482, 0.2861, 0.4099
Android (android.graphics.Color)	4286108571 (0xFF78D39B)
YUV	177.4070, -11.0467, -50.3459
Hunter-Lab	72.7655, -36.6824, 18.9280

Details

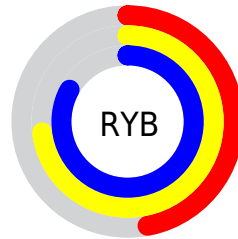
The Hex color **78D39B** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D378B0**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B0FFD2**, and **409C68** is the 20% darker color. If you saturate the color by 10%, you get **63D38E**, and if you desaturate by 10%, it is **8DD3A8**.

Distribution



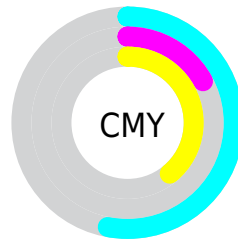
- Red (47%)
- Green (83%)
- Blue (61%)



- Red (47%)
- Yellow (73%)
- Blue (83%)



- Cyan (43%)
- Magenta (0%)
- Yellow (27%)
- Black (17%)



- Cyan (53%)
- Magenta (17%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78D39B 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 78D39B by changing the saturation by 10% instead.

 78D39B

 78D39B

FFFFFF

 5CB781

 B0FFD2

 409C68

 CDFEE

 21814F

 EAFFFF

 006838

 004F22

 00370C

 002200

 000000

 78D39B

 78D39B

 63D38E

 8DD3A8

 4ED381

 A2D3B5

 39D374

 B7D3C2

 24D367

 CCD3CF

 0ED35A

 E2D3DC

 00D351

 F7D3E9

 FFD3F6

 FFD3FF

Harmonies

Analogous

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



AACB7B



78D39B



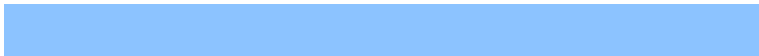
36D6C5

Triad

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



78D39B



8CC3FF



FFA595

Complementary

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



78D39B



D378B0

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.



FFA0BD



78D39B



CCB4FF

Square

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



78D39B



38CEFF



F8A6E5



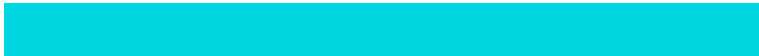
F8B178

Rectangle

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



78D39B



00D6E0



F8A6E5



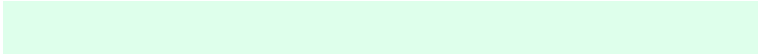
FFA2A1

Sweetspot

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



78D39B



DEFFEB



B0D378



6B8073



000000



808080

Same Dimension

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



78D39B



7AFFAD



78D3C8



5E6962



00A841



002910

Inverse Universe

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



D378B0



FF7ACC



D37883



695E65



A80068



290019

Previews

White Background



This preview shows how the Hex color 78D39B 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 78D39B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

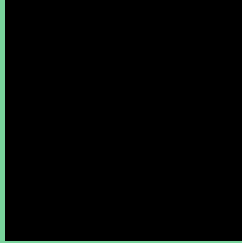
Any Text WCAG AA ✓ Pass

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 78D39B Background



This preview shows how black text looks on a background with the Hex color 78D39B.

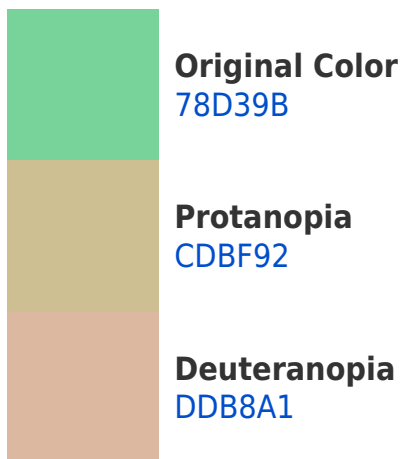


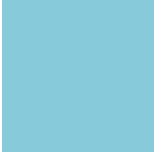
This preview shows how white text looks on a background with the Hex color 78D39B.

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
87CBDB

Trichromacy



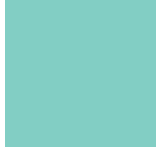
Original Color
78D39B



Protanomaly
AEC695



Deuteranomaly
B8C29F



Tritanomaly
82CEC4

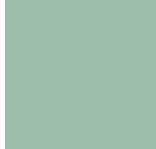
Monochromacy



Original Color
78D39B



Achromatopsia
B1B1B1



Achromatomaly
9CBDA9

CSS Examples

Text

The CSS property to change the color of the text to Hex 78D39B 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 #78D39B looks like.

```
.text, #text, p{  
    color:#78D39B  
}
```

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 #78D39B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78D39B
}
```

Border

The CSS property to change the border of an element to Hex 78D39B 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
#78D39B }
```

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

```
.border{ border-color:#78D39B }
```

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

Here you see how a box with a 4 pixel #78D39B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78D39B; -webkit-box-shadow:4px 4px  
4px 4px #78D39B; box-shadow:4px 4px 4px  
4px #78D39B }
```

Background

The CSS property to change the background color of an element to Hex 78D39B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78D39B }
```

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

```
.background{ background-color:#78D39B }
```

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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