

Converting Colors

Hex(39D899)

Have a look what the booklet for
Hex(39D899) contains.

Hex(39D899)	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(39D899)

Conversions

Conversions Part 1

Format	Color
Hex	39D899
RGB	57, 216, 153
RGB Percent	22%, 85%, 60%
CMY	0.7765, 0.1529, 0.4000
CMYK	0.74, 0.00, 0.29, 0.15
HSL	156°, 67%, 54%
HSV	156°, 74%, 85%
XYZ	31.9930, 52.2815, 38.5421
YIQ	161.2770, -74.5410, -53.3010

Conversions

Conversions Part 2

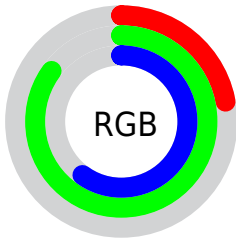
Format	Color
RYB	57, 156, 216
Decimal	3791001
CIELab	77.45, -54.99, 19.64
CIELCh	77, 58.389, 160.344
Yxy	52.2815, 0.2605, 0.4257
Android (android.graphics.Color)	4281981081 (0xFF39D899)
YUV	161.2770, -4.0806, -91.4509
Hunter-Lab	72.3059, -47.5551, 19.0101

Details

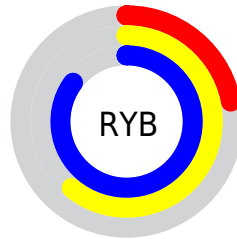
The Hex color **39D899** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle muted spring green. A complement of this color would be **D83978**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **7DFFD0**, and **00A066** is the 20% darker color. If you saturate the color by 10%, you get **23D890**, and if you desaturate by 10%, it is **4FD8A2**.

Distribution



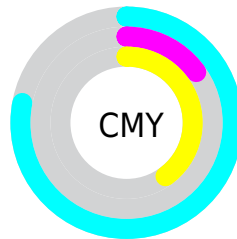
- Red (22%)
- Green (85%)
- Blue (60%)



- Red (22%)
- Yellow (61%)
- Blue (85%)



- Cyan (74%)
- Magenta (0%)
- Yellow (29%)
- Black (15%)



- Cyan (78%)
- Magenta (15%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39D899 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 39D899 by changing the saturation by 10% instead.



39D899



39D899

FFFFFF



00BC7F



7DFFD0



00A066



9CF FEC



00854D



BBFFFF



006B36



D9FFFF



005120



F8FFFF



00390A



002100



000000



39D899



39D899

■ 23D890

■ 4FD8A2

■ 0ED888

■ 64D8AA

■ 00D882

■ 7AD8B3

■ 8FD8BB

■ A5D8C4

■ BBD8CC

■ D0D8D5

■ E6D8DD

■ FBD8E6

Harmonies

Analogous

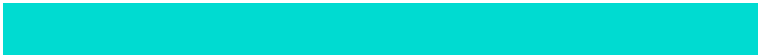
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92D069



39D899



00DBD1

Triad

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



39D899



83BFFF



FF9C7C

Complementary

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



39D899



D83978

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.



FF91AF



39D899



DCAAFF

Square

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



39D899



00CFFF



FF97E5



FCB058

Rectangle

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



39D899



00D9F4



FF97E5



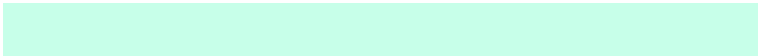
FF978C

Sweetspot

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



39D899



C7FFE9



79D839



5E8072



000000



808080

Same Dimension

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



39D899



1FFFA6



39C8D8



606B67



00AB67



002B1A

Inverse Universe

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



D83978



FF1F78



D84939



6B6065



AB0044



2B0011

Previews

White Background



This preview shows how the Hex color 39D899 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 39D899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

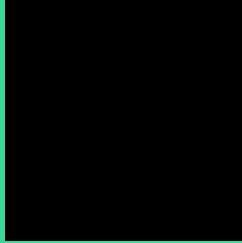
Any Text WCAG AA ✓ Pass

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 39D899 Background



This preview shows how black text looks on a background with the Hex color 39D899.

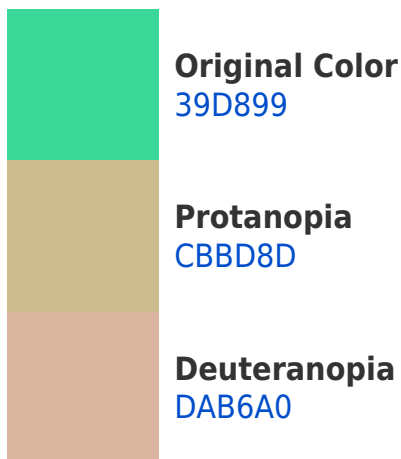


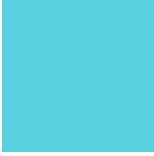
This preview shows how white text looks on a background with the Hex color 39D899.

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
59CFE0

Trichromacy



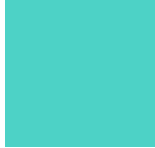
Original Color
39D899



Protanomaly
96C791



Deuteranomaly
9FC29D



Tritanomaly
4DD2C6

Monochromacy



Original Color
39D899



Achromatopsia
A1A1A1



Achromatomaly
7BB59E

CSS Examples

Text

The CSS property to change the color of the text to Hex 39D899 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 #39D899 looks like.

```
.text, #text, p{  
    color:#39D899  
}
```

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 #39D899 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39D899
}
```

Border

The CSS property to change the border of an element to Hex 39D899 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
#39D899 }
```

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

```
.border{ border-color:#39D899 }
```

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

Here you see how a box with a 4 pixel #39D899 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39D899; -webkit-box-shadow:4px 4px  
4px 4px #39D899; box-shadow:4px 4px 4px  
4px #39D899 }
```

Background

The CSS property to change the background color of an element to Hex 39D899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39D899 }
```

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

```
.background{ background-color:#39D899 }
```

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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