

Converting Colors

Hex(39DA8A)

Have a look what the booklet for
Hex(39DA8A) contains.

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Color

Hex(39DA8A)

Conversions

Conversions Part 1

Format	Color
Hex	39DA8A
RGB	57, 218, 138
RGB Percent	22%, 85%, 54%
CMY	0.7765, 0.1451, 0.4588
CMYK	0.74, 0.00, 0.37, 0.15
HSL	150°, 69%, 54%
HSV	150°, 74%, 85%
XYZ	31.3462, 52.8476, 32.5933
YIQ	160.7410, -70.2760, -59.0120

Conversions

Conversions Part 2

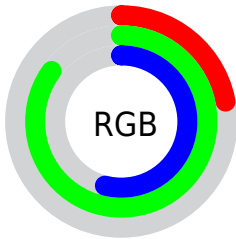
Format	Color
RYB	57, 164, 218
Decimal	3791498
CIELab	77.78, -58.80, 27.91
CIELCh	78, 65.083, 154.607
Yxy	52.8476, 0.2684, 0.4525
Android (android.graphics.Color)	4281981578 (0xFF39DA8A)
YUV	160.7410, -11.2113, -90.9809
Hunter-Lab	72.6964, -50.2507, 24.3049

Details

The Hex color **39DA8A** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **DA3989**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **7EFFC0**, and **00A257** is the 20% darker color. If you saturate the color by 10%, you get **23DA7F**, and if you desaturate by 10%, it is **4FDA95**.

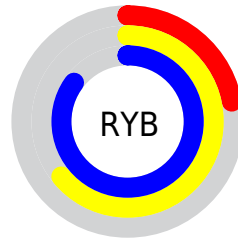
Distribution



Red (22%)

Green (85%)

Blue (54%)



Red (22%)

Yellow (64%)

Blue (85%)

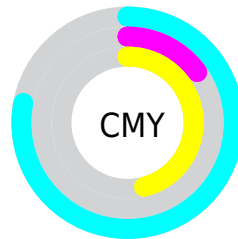


Cyan (74%)

Magenta (0%)

Yellow (37%)

Black (15%)



Cyan (78%)

Magenta (15%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39DA8A 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 39DA8A by changing the saturation by 10% instead.

 39DA8A

 39DA8A

FFFFFF

 00BE70

 7EFFC0

 00A257

 9DFFDC

 00873F

 BBFFF9

 006C28

 DAFFFF

 005211

 F9FFFF

 003A00

 002200

 000000

 39DA8A

 39DA8A

■ 23DA7F

■ 4FDA95

■ 0DDA74

■ 65DAA0

■ 00DA6E

■ 7ADAAA

■ 90DAB5

■ A6DAC0

■ BCDACB

■ D2DAD6

■ E7DAE1

■ FDDAEB

Harmonies

Analogous

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



9AD057



39DA8A



00DEC8

Triad

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



39DA8A



55C4FF



FF947F

Complementary

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



39DA8A



DA3989

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.



FF8AB9



39DA8A



CFACFF

Square

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



39DA8A



00D4FF



FF95F5



FFAA51

Rectangle

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



39DA8A



00DDF1



FF95F5



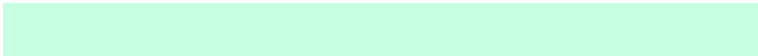
FF8E91

Sweetspot

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



39DA8A



C7FFE3



8ADA39



5E806F



000000



808080

Same Dimension

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



39DA8A



1CFF8E



39DADA



636E68



00AD57



002E17

Inverse Universe

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



DA3989



FF1C8D



DA3939



6E6368



AD0056



2E0017

Previews

White Background



This preview shows how the Hex color 39DA8A 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 39DA8A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

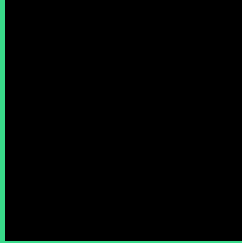
Any Text WCAG AA ✓ Pass

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 39DA8A Background



This preview shows how black text looks on a background with the Hex color 39DA8A.

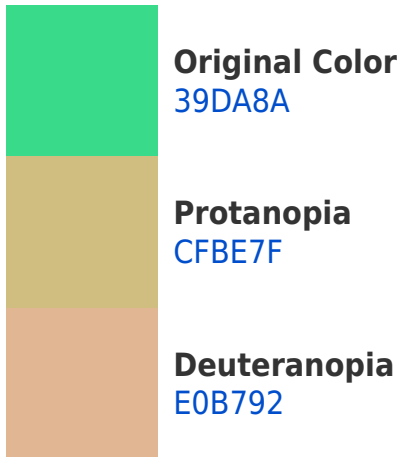


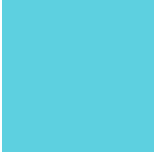
This preview shows how white text looks on a background with the Hex color 39DA8A.

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
5DD0E0

Trichromacy



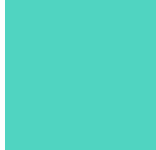
Original Color
39DA8A



Protanomaly
98C883



Deuteranomaly
A3C48F

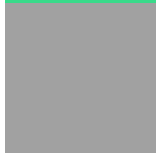


Tritanomaly
50D4C1

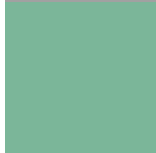
Monochromacy



Original Color
39DA8A



Achromatopsia
A1A1A1



Achromatomaly
7BB699

CSS Examples

Text

The CSS property to change the color of the text to Hex 39DA8A 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 #39DA8A looks like.

```
.text, #text, p{  
    color:#39DA8A  
}
```

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 #39DA8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39DA8A
}
```

Border

The CSS property to change the border of an element to Hex 39DA8A 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
#39DA8A }
```

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

```
.border{ border-color:#39DA8A }
```

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

Here you see how a box with a 4 pixel #39DA8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39DA8A; -webkit-box-shadow:4px 4px  
4px 4px #39DA8A; box-shadow:4px 4px 4px  
4px #39DA8A }
```

Background

The CSS property to change the background color of an element to Hex 39DA8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39DA8A }
```

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

```
.background{ background-color:#39DA8A }
```

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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