

Converting Colors

Hex(39E2A2)

Have a look what the booklet for
Hex(39E2A2) contains.

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Color

Hex(39E2A2)

Conversions

Conversions Part 1

Format	Color
Hex	39E2A2
RGB	57, 226, 162
RGB Percent	22%, 89%, 64%
CMY	0.7765, 0.1137, 0.3647
CMYK	0.75, 0.00, 0.28, 0.11
HSL	157°, 74%, 55%
HSV	157°, 75%, 89%
XYZ	35.4053, 57.8712, 43.4866
YIQ	168.1730, -80.1800, -55.7320

Conversions

Conversions Part 2

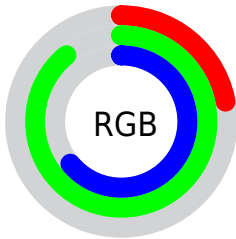
Format	Color
RYB	57, 161, 226
Decimal	3793570
CIELab	80.67, -56.91, 19.38
CIElCh	81, 60.118, 161.193
Yxy	57.8712, 0.2589, 0.4231
Android (android.graphics.Color)	4281983650 (0xFF39E2A2)
YUV	168.1730, -3.0433, -97.4987
Hunter-Lab	76.0731, -50.0521, 19.3585

Details

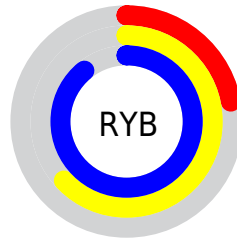
The Hex color **39E2A2** is a light color, and the websafe version is hex **00CC99**. The color can be described as light washed spring green. A complement of this color would be **E23979**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **80FFD9**, and **00A96E** is the 20% darker color. If you saturate the color by 10%, you get **22E299**, and if you desaturate by 10%, it is **50E2AB**.

Distribution



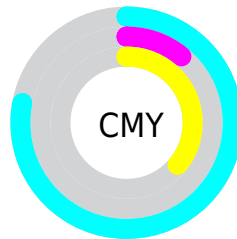
- Red (22%)
- Green (89%)
- Blue (64%)



- Red (22%)
- Yellow (63%)
- Blue (89%)



- Cyan (75%)
- Magenta (0%)
- Yellow (28%)
- Black (11%)



- Cyan (78%)
- Magenta (11%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39E2A2 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 39E2A2 by changing the saturation by 10% instead.

 39E2A2

 39E2A2

FFFFFF

 00C588

 80FFD9

 00A96E

 9FFFF6

 008E56

 BEFFFF

 00733E

 DDFFFF

 005A28

 FCFFFF

 004112

 002A00

 000500

 000000

 39E2A2

 39E2A2

 22E299

 50E2AB

 0CE291

 66E2B3

 00E28C

 7DE2BC

 93E2C4

 AAE2CD

 C1E2D5

 D7E2DE

 EEE2E6

 FFE2EF

Harmonies

Analogous

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



97DA70



39E2A2



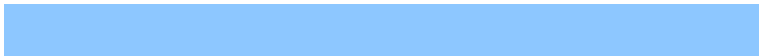
00E5DC

Triad

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



39E2A2



8DC7FF



FFA481

Complementary

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



39E2A2



E23979

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.



FF98B5



39E2A2



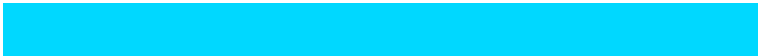
E8B1FF

Square

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



39E2A2



00D8FF



FF9DEE



FFB85C

Rectangle

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



39E2A2



00E3FF



FF9DEE



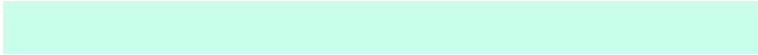
FF9E91

Sweetspot

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



39E2A2



C7FFEA



7AE239



5E8073



000000



808080

Same Dimension

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



39E2A2



19FFA8



39CEE2



65706C



00B06D



00301E

Inverse Universe

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



E23979



FF1970



E24D39



706569



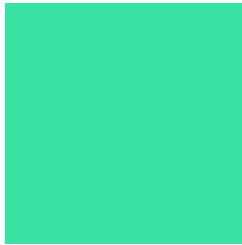
B00043



300012

Previews

White Background



This preview shows how the Hex color 39E2A2 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 39E2A2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

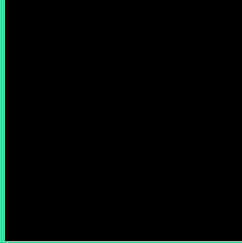
Any Text WCAG AA ✓ Pass

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 39E2A2 Background



This preview shows how black text looks on a background with the Hex color 39E2A2.

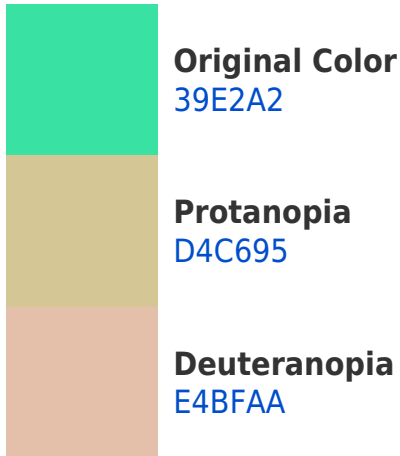


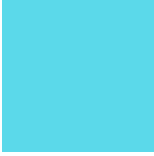
This preview shows how white text looks on a background with the Hex color 39E2A2.

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
5BD9EA

Trichromacy



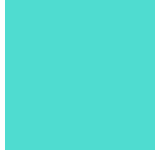
Original Color
39E2A2



Protanomaly
9CD09A



Deuteranomaly
A6CCA7

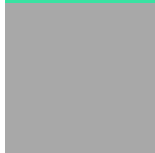


Tritanomaly
4FD0D0

Monochromacy



Original Color
39E2A2



Achromatopsia
A8A8A8



Achromatomaly
80BDA6

CSS Examples

Text

The CSS property to change the color of the text to Hex 39E2A2 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 #39E2A2 looks like.

```
.text, #text, p{  
    color:#39E2A2  
}
```

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 #39E2A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39E2A2
}
```

Border

The CSS property to change the border of an element to Hex 39E2A2 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
#39E2A2 }
```

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

```
.border{ border-color:#39E2A2 }
```

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

Here you see how a box with a 4 pixel #39E2A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39E2A2; -webkit-box-shadow:4px 4px  
4px 4px #39E2A2; box-shadow:4px 4px 4px  
4px #39E2A2 }
```

Background

The CSS property to change the background color of an element to Hex 39E2A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39E2A2 }
```

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

```
.background{ background-color:#39E2A2 }
```

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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