

Converting Colors

Hex(39AD97)

Have a look what the booklet for
Hex(39AD97) contains.

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Color

Hex(39AD97)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 39AD97 |
| RGB | 57, 173, 151 |
| RGB Percent | 22%, 68%, 59% |
| CMY | 0.7765, 0.3216, 0.4078 |
| CMYK | 0.67, 0.00, 0.13, 0.32 |
| HSL | 169°, 50%, 45% |
| HSV | 169°, 67%, 68% |
| XYZ | 22.2168, 32.9914, 34.4752 |
| YIQ | 135.8080, -62.0740, -31.4340 |

Conversions

Conversions Part 2

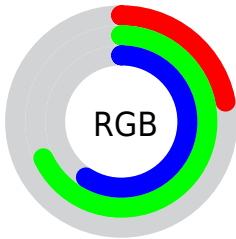
| Format | Color |
|-------------------------------------|--|
| RYB | 57, 121, 173 |
| Decimal | 3779991 |
| CIELab | 64.15, -37.49, 1.88 |
| CIELCh | 64, 37.538, 177.128 |
| Yxy | 32.9914, 0.2477, 0.3679 |
| Android (android.graphics.Color) | 4281970071 (0xFF39AD97) |
| YUV | 135.8080, 7.4897, -69.1146 |
| Hunter-Lab | 57.4381, -31.4736, 4.6200 |

Details

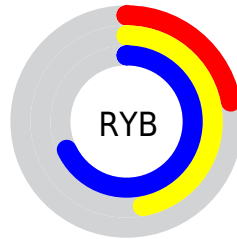
The Hex color **39AD97** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AD394F**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **76E5CD**, and **007864** is the 20% darker color. If you saturate the color by 10%, you get **28AD94**, and if you desaturate by 10%, it is **4AAD9A**.

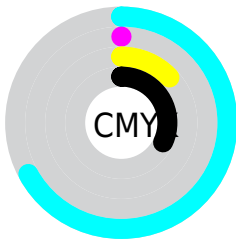
Distribution



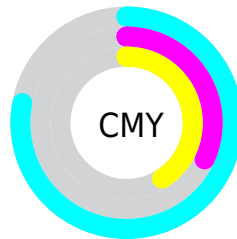
- Red (22%)
- Green (68%)
- Blue (59%)



- Red (22%)
- Yellow (47%)
- Blue (68%)



- Cyan (67%)
- Magenta (0%)
- Yellow (13%)
- Black (32%)



- Cyan (78%)
- Magenta (32%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39AD97 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 39AD97 by changing the saturation by 10% instead.

 39AD97

 39AD97

FFFFFF

 0B927D

 76E5CD

 007864

 93FFE9

 005E4C

 B0FFFF

 004636

 CEFFFF

 002F21

 ECFFFF

 00170A

 000000

 39AD97

 39AD97

 28AD94

 4AAD9A

■ 16AD90

■ 5CAD9E

■ 05AD8D

■ 6DADA1

■ 00AD8C

■ 7EADA4

■ 90ADA7

■ A1ADAB

■ B2ADAE

■ C3ADB1

■ D5ADB5

Harmonies

Analogous

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



6AAA76



39AD97



00ADB9

Triad

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



39AD97



9A94D7



CE8D64

Complementary

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



39AD97



AD394F

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.



DC837F



39AD97



C388C0

Square

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



39AD97



63A0DE



D981A0



B49858

Rectangle

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



39AD97



00AACC



D981A0



D4896C

Sweetspot

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



39AD97



B4E0D8



50AD39



55706B



F0F0F0



707070

Same Dimension

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



39AD97



2DE0BE



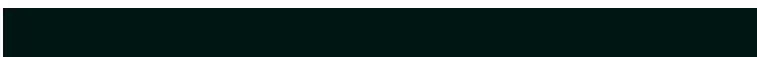
398AAD



4E5755



00967A



001713

Inverse Universe

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



AD394F



E02D4F



AD5C39



574E50



96001D



170004

Previews

White Background



This preview shows how the Hex color 39AD97 looks on a white background.

Color Contrast Check

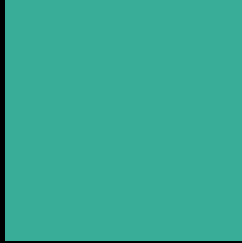
Large Text (above 18pt) WCAG AA × Fail

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 39AD97 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

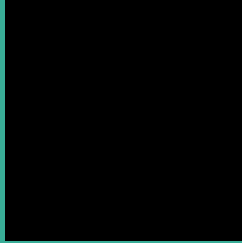
Any Text WCAG AA ✓ Pass

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 39AD97 Background



This preview shows how black text looks on a background with the Hex color 39AD97.

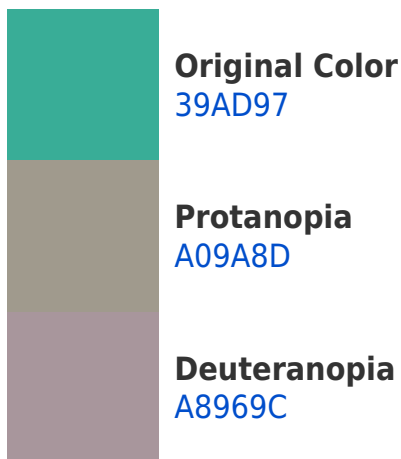


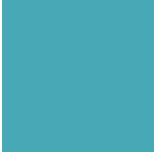
This preview shows how white text looks on a background with the Hex color 39AD97.

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
47A9B6

Trichromacy



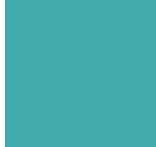
Original Color
39AD97



Protanomaly
7BA191



Deuteranomaly
809E9A



Tritanomaly
42AAAB

Monochromacy



Original Color
39AD97



Achromatopsia
888888



Achromatomaly
6B958D

CSS Examples

Text

The CSS property to change the color of the text to Hex 39AD97 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 #39AD97 looks like.

```
.text, #text, p{  
    color:#39AD97  
}
```

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 #39AD97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39AD97
}
```

Border

The CSS property to change the border of an element to Hex 39AD97 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
#39AD97 }
```

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

```
.border{ border-color:#39AD97 }
```

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

Here you see how a box with a 4 pixel #39AD97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39AD97; -webkit-box-shadow:4px 4px  
4px 4px #39AD97; box-shadow:4px 4px 4px  
4px #39AD97 }
```

Background

The CSS property to change the background color of an element to Hex 39AD97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39AD97 }
```

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

```
.background{ background-color:#39AD97 }
```

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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