

Converting Colors

Hex(39A7A3)

Have a look what the booklet for
Hex(39A7A3) contains.

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Color

Hex(39A7A3)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 39A7A3 |
| RGB | 57, 167, 163 |
| RGB Percent | 22%, 65%, 64% |
| CMY | 0.7765, 0.3451, 0.3608 |
| CMYK | 0.66, 0.00, 0.02, 0.35 |
| HSL | 178°, 49%, 44% |
| HSV | 178°, 66%, 65% |
| XYZ | 22.1169, 31.1516, 39.4975 |
| YIQ | 133.6540, -64.2760, -24.5640 |

Conversions

Conversions Part 2

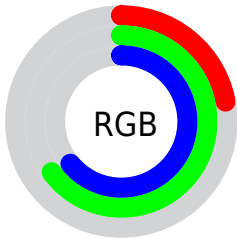
| Format | Color |
|-------------------------------------|--|
| RYB | 57, 113, 167 |
| Decimal | 3778467 |
| CIELab | 62.64, -31.41, -7.06 |
| CIELCh | 63, 32.191, 192.667 |
| Yxy | 31.1516, 0.2384, 0.3358 |
| Android (android.graphics.Color) | 4281968547 (0xFF39A7A3) |
| YUV | 133.6540, 14.4676, -67.2256 |
| Hunter-Lab | 55.8136, -26.9408, -2.8881 |

Details

The Hex color **39A7A3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A7393D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **76DFDA**, and **00726F** is the 20% darker color. If you saturate the color by 10%, you get **28A7A2**, and if you desaturate by 10%, it is **4AA7A4**.

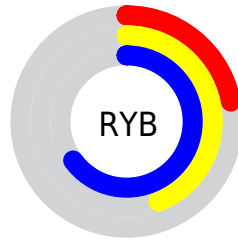
Distribution



Red (22%)

Green (65%)

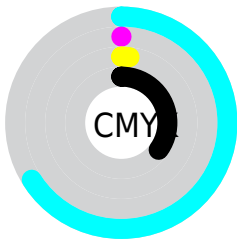
Blue (64%)



Red (22%)

Yellow (44%)

Blue (65%)

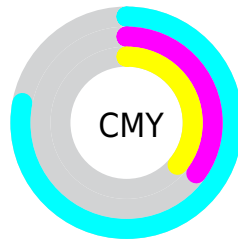


Cyan (66%)

Magenta (0%)

Yellow (2%)

Black (35%)



Cyan (78%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39A7A3 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 39A7A3 by changing the saturation by 10% instead.



39A7A3



39A7A3

FFFFFF



0B8C89



76DFDA



00726F



93FBF6



005957



B1FFFF



004140



CEFFFF



002B2A



ECFFFF



001116



000000



39A7A3



39A7A3



28A7A2



4AA7A4

■ 18A7A2

■ 5AA7A4

■ 07A7A1

■ 6BA7A5

■ 00A7A1

■ 7CA7A5

■ 8CA7A6

■ 9DA7A7

■ AEA7A7

■ BFA7A8

■ CFA7A8

Harmonies

Analogous

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



5CA686



39A7A3



2FA5BD

Triad

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



39A7A3



AA8CC2



B99061

Complementary

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



39A7A3



A7393D

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.



CB8772



39A7A3



C584A9

Square

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



39A7A3



8396CF



D0828C



9F9A5F

Rectangle

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



39A7A3



45A1CA



D0828C



C08D65

Sweetspot

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



39A7A3



ADD9D7



3EA739



536E6D



EDEDED



6E6E6E

Same Dimension

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



39A7A3



2ED9D3



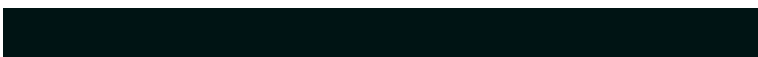
3976A7



4C5454



00948F



001414

Inverse Universe

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



A7393D



D92E34



A76A39



544C4C



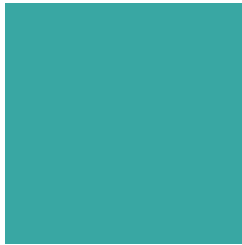
940005



140001

Previews

White Background



This preview shows how the Hex color 39A7A3 looks on a white background.

Color Contrast Check

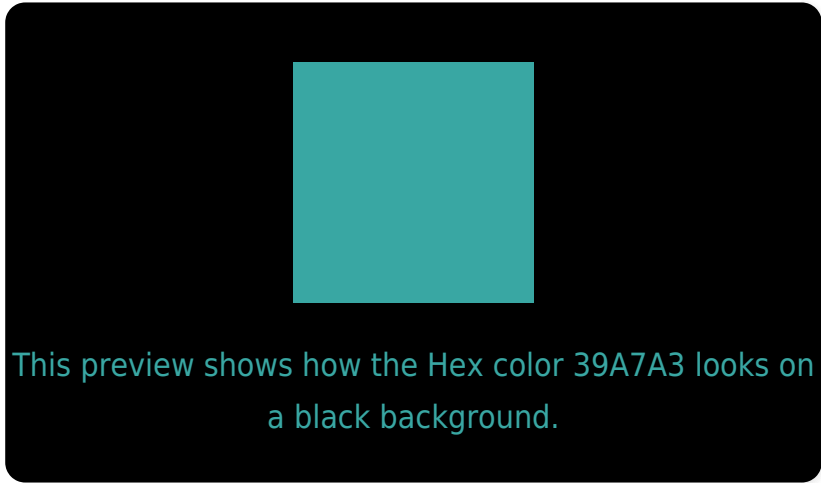
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

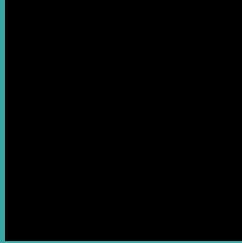
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

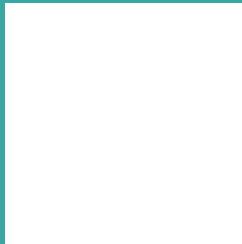
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 39A7A3 Background



This preview shows how black text looks on a background with the Hex color 39A7A3.



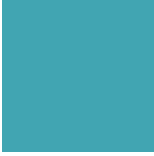
This preview shows how white text looks on a background with the Hex color 39A7A3.

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
41A5B2

Trichromacy



Original Color
39A7A3



Protanomaly
759C9D



Deuteranomaly
799AA6



Tritanomaly
3EA6AD

Monochromacy



Original Color
39A7A3



Achromatopsia
868686



Achromatomaly
6A9291

CSS Examples

Text

The CSS property to change the color of the text to Hex 39A7A3 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 #39A7A3 looks like.

```
.text, #text, p{  
    color:#39A7A3  
}
```

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 #39A7A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39A7A3
}
```

Border

The CSS property to change the border of an element to Hex 39A7A3 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
#39A7A3 }
```

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

```
.border{ border-color:#39A7A3 }
```

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

Here you see how a box with a 4 pixel #39A7A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39A7A3; -webkit-box-shadow:4px 4px  
4px 4px #39A7A3; box-shadow:4px 4px 4px  
4px #39A7A3 }
```

Background

The CSS property to change the background color of an element to Hex 39A7A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39A7A3 }
```

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

```
.background{ background-color:#39A7A3 }
```

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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