

Converting Colors

Hex(339A93)

Have a look what the booklet for
Hex(339A93) contains.

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Color

Hex(339A93)

Conversions

Conversions Part 1

Format	Color
Hex	339A93
RGB	51, 154, 147
RGB Percent	20%, 60%, 58%
CMY	0.8000, 0.3961, 0.4235
CMYK	0.67, 0.00, 0.05, 0.40
HSL	176°, 50%, 40%
HSV	176°, 67%, 60%
XYZ	18.1873, 25.9216, 31.6486
YIQ	122.4050, -59.1410, -24.0130

Conversions

Conversions Part 2

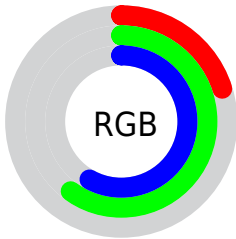
Format	Color
RYB	51, 104, 154
Decimal	3381907
CIELab	57.96, -30.68, -4.96
CIElCh	58, 31.078, 189.187
Yxy	25.9216, 0.2401, 0.3422
Android (android.graphics.Color)	4281571987 (0xFF339A93)
YUV	122.4050, 12.1253, -62.6222
Hunter-Lab	50.9133, -25.3342, -1.2164

Details

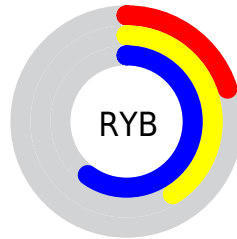
The Hex color **339A93** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9A333A**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **6FD1C9**, and **006661** is the 20% darker color. If you saturate the color by 10%, you get **249A92**, and if you desaturate by 10%, it is **429A94**.

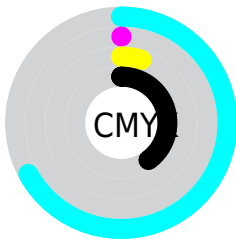
Distribution



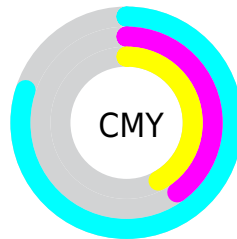
- Red (20%)
- Green (60%)
- Blue (58%)



- Red (20%)
- Yellow (41%)
- Blue (60%)



- Cyan (67%)
- Magenta (0%)
- Yellow (5%)
- Black (40%)



- Cyan (80%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 339A93 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 339A93 by changing the saturation by 10% instead.

 339A93

 339A93

FFFFFF

 038079

 6FD1C9

 006661

 8CEDE5

 004E49

 A9FFFF

 003632

 C6FFFF

 00221D

 E3FFFF

 000004

 000000

 339A93

 339A93

 249A92

 429A94

■ 149A91

■ 529A95

■ 059A90

■ 619A96

■ 009A90

■ 719A97

■ 809A98

■ 8F9A99

■ 9F9A9A

■ AE9A9B

■ BE9A9C

Harmonies

Analogous

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



569877



339A93



2298AD

Triad

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



339A93



9981B5



AE8359

Complementary

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



339A93



9A333A

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.



BD7A6A



339A93



B4799F

Square

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



339A93



728BC1



C07684



958C55

Rectangle

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



339A93



3695B9



C07684



B4805D

Sweetspot

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



339A93



A1C9C7



3C9A33



4E6664



E6E6E6



666666

Same Dimension

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



339A93



28C9BE



336F9A



454D4C



008C83



000D0C

Inverse Universe

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



9A333A



C92833



9A5E33



4D4545



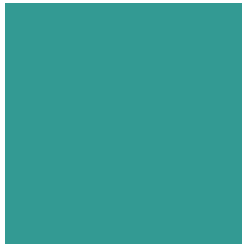
8C000A



0D0001

Previews

White Background



This preview shows how the Hex color 339A93 looks on a white background.

Color Contrast Check

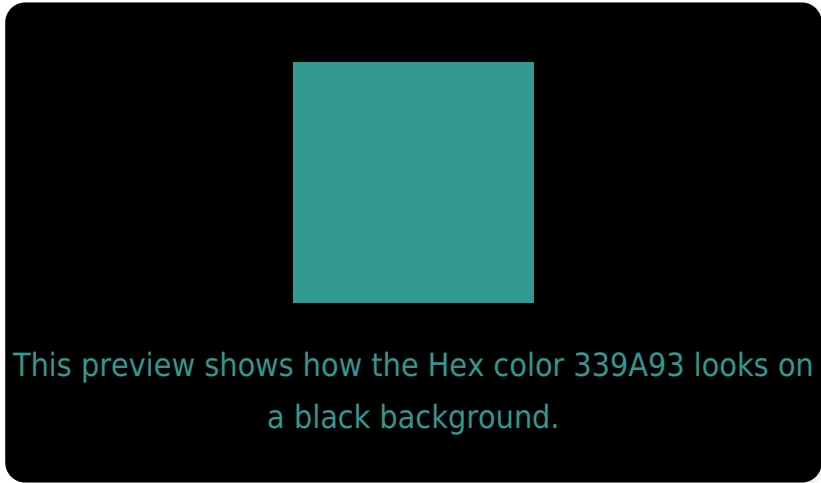
Large Text (above 18pt) WCAG AA ✓ Pass

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

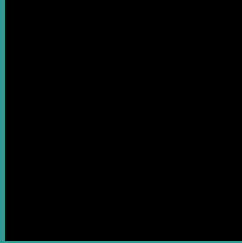
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 339A93 Background



This preview shows how black text looks on a background with the Hex color 339A93.

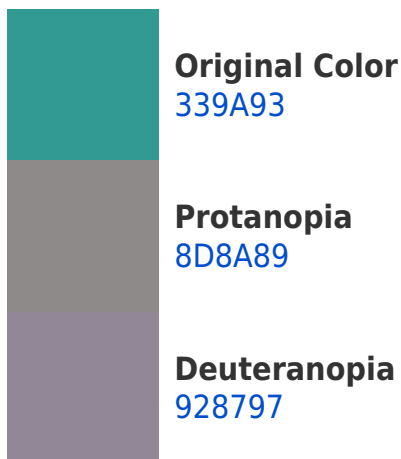


This preview shows how white text looks on a background with the Hex color 339A93.

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



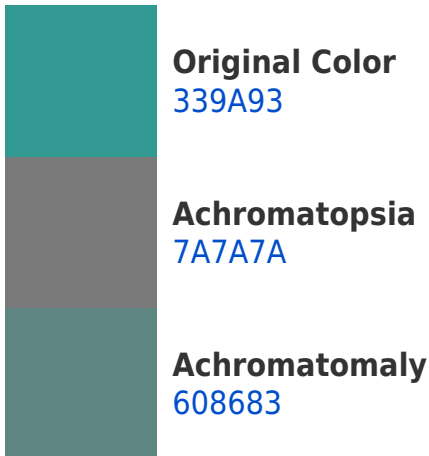


Tritanopia
3B97A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 339A93 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 #339A93 looks like.

```
.text, #text, p{  
    color:#339A93  
}
```

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 #339A93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #339A93
}
```

Border

The CSS property to change the border of an element to Hex 339A93 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
#339A93 }
```

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

```
.border{ border-color:#339A93 }
```

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

Here you see how a box with a 4 pixel #339A93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #339A93; -webkit-box-shadow:4px 4px  
4px 4px #339A93; box-shadow:4px 4px 4px  
4px #339A93 }
```

Background

The CSS property to change the background color of an element to Hex 339A93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#339A93 }
```

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

```
.background{ background-color:#339A93 }
```

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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