

Converting Colors

Hex(339891)

Have a look what the booklet for
Hex(339891) contains.

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Color

Hex(339891)

Conversions

Conversions Part 1

Format	Color
Hex	339891
RGB	51, 152, 145
RGB Percent	20%, 60%, 57%
CMY	0.8000, 0.4039, 0.4314
CMYK	0.66, 0.00, 0.05, 0.40
HSL	176°, 50%, 40%
HSV	176°, 66%, 60%
XYZ	17.7043, 25.2046, 30.7199
YIQ	121.0030, -57.9490, -23.5890

Conversions

Conversions Part 2

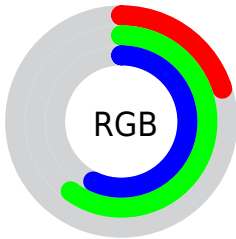
Format	Color
R_{YB}	51, 103, 152
Decimal	3381393
CIE _{Lab}	57.27, -30.29, -4.84
CIE _{LCh}	57, 30.671, 189.079
Yxy	25.2046, 0.2405, 0.3423
Android (android.graphics.Color)	4281571473 (0xFF339891)
YUV	121.0030, 11.8305, -61.3926
Hunter-Lab	50.2042, -24.9100, -1.1366

Details

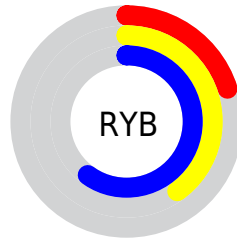
The Hex color **339891** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **98333A**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **6FCFC7**, and **00645F** is the 20% darker color. If you saturate the color by 10%, you get **249890**, and if you desaturate by 10%, it is **429892**.

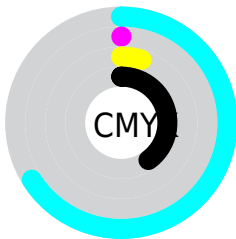
Distribution



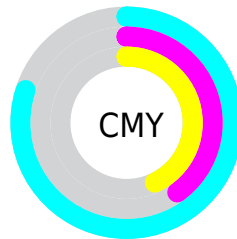
- Red (20%)
- Green (60%)
- Blue (57%)



- Red (20%)
- Yellow (40%)
- Blue (60%)



- Cyan (66%)
- Magenta (0%)
- Yellow (5%)
- Black (40%)



- Cyan (80%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 339891 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 339891 by changing the saturation by 10% instead.



339891



339891

FFFFFF



047E77



6FCFC7



00645F



8BEBE3



004C47



A8FFFF



003431



C5FFFF



00211C



E2FFFF



000000



339891



339891



249890



429892



15988F



519893

05988E

619894

00988D

709895

7F9896

8E9897

9D9898

AD9899

BC989A

Harmonies

Analogous

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



569676



339891



2396AA

Triad

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



339891



9780B3



AB8158

Complementary

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



339891



98333A

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.



BB7969



339891



B2789D

Square

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



339891



7189BE



BE7582



938B54

Rectangle

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



339891



3693B7



BE7582



B27E5C

Sweetspot

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



339891



9DC4C2



3B9833



4C6362



E3E3E3



636363

Same Dimension

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



339891



27C4B9



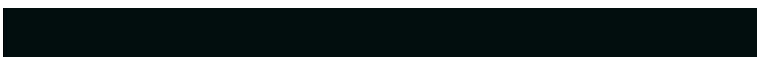
336E98



454D4C



008C83



000D0C

Inverse Universe

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



98333A



C42732



985D33



4D4545



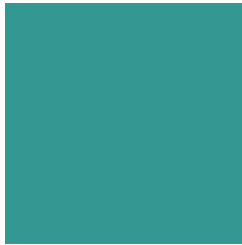
8C000A



0D0001

Previews

White Background



This preview shows how the Hex color 339891 looks on a white background.

Color Contrast Check

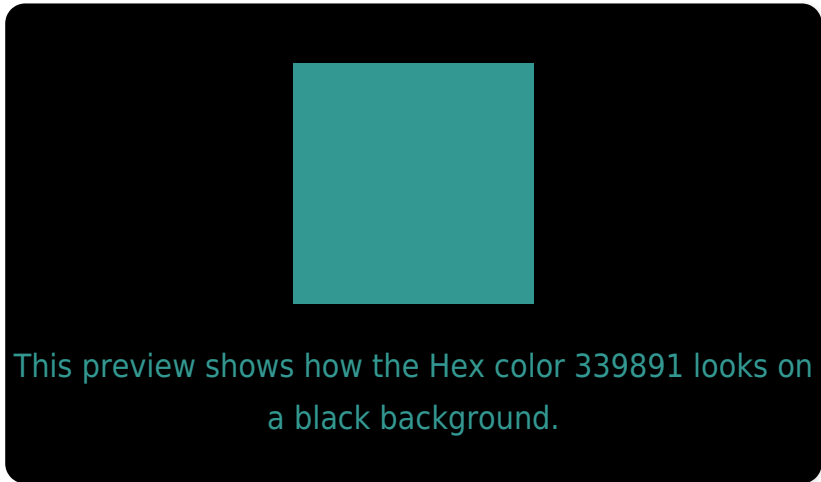
Large Text (above 18pt) WCAG AA ✓ Pass

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

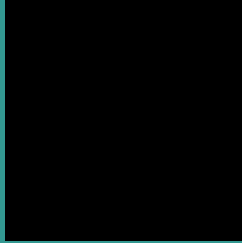
Any Text WCAG AA ✓ Pass

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 339891 Background



This preview shows how black text looks on a background with the Hex color 339891.

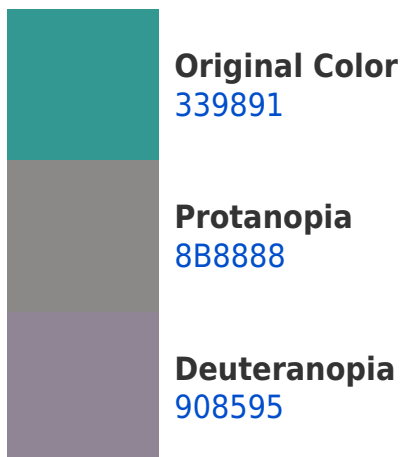


This preview shows how white text looks on a background with the Hex color 339891.

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
3B96A2

Trichromacy



Original Color
339891



Protanomaly
6B8E8B



Deuteranomaly
6E8C94



Tritanomaly
38979C

Monochromacy



Original Color
339891



Achromatopsia
797979



Achromatomaly
608482

CSS Examples

Text

The CSS property to change the color of the text to Hex 339891 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 #339891 looks like.

```
.text, #text, p{  
    color:#339891  
}
```

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 #339891 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #339891
}
```

Border

The CSS property to change the border of an element to Hex 339891 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
#339891 }
```

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

```
.border{ border-color:#339891 }
```

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

Here you see how a box with a 4 pixel #339891 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #339891; -webkit-box-shadow:4px 4px  
4px 4px #339891; box-shadow:4px 4px 4px  
4px #339891 }
```

Background

The CSS property to change the background color of an element to Hex 339891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#339891 }
```

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

```
.background{ background-color:#339891 }
```

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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