

Converting Colors

Hex(338979)

Have a look what the booklet for
Hex(338979) contains.

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Color

Hex(338979)

Conversions

Conversions Part 1

Format	Color
Hex	338979
RGB	51, 137, 121
RGB Percent	20%, 54%, 47%
CMY	0.8000, 0.4627, 0.5255
CMYK	0.63, 0.00, 0.12, 0.46
HSL	169°, 46%, 37%
HSV	169°, 63%, 54%
XYZ	13.7621, 19.9756, 21.2195
YIQ	109.4620, -46.1200, -23.2080

Conversions

Conversions Part 2

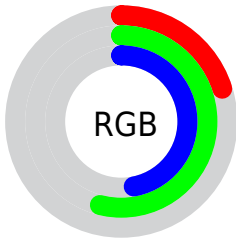
Format	Color
RYB	51, 98, 137
Decimal	3377529
CIELab	51.81, -29.73, 0.96
CIElCh	52, 29.744, 178.153
Yxy	19.9756, 0.2504, 0.3635
Android (android.graphics.Color)	4281567609 (0xFF338979)
YUV	109.4620, 5.6882, -51.2712
Hunter-Lab	44.6941, -23.2513, 3.1366

Details

The Hex color **338979** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **893343**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **6BBFAD**, and **005649** is the 20% darker color. If you saturate the color by 10%, you get **258976**, and if you desaturate by 10%, it is **41897C**.

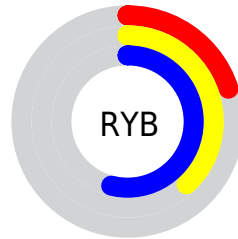
Distribution



 Red (20%)

 Green (54%)

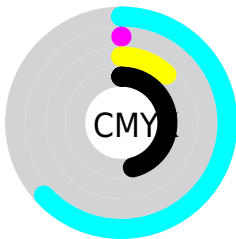
 Blue (47%)




 Red (20%)

 Yellow (38%)

 Blue (54%)

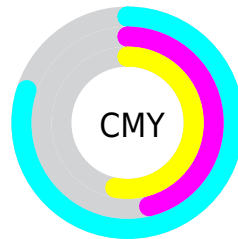



 Cyan (63%)


 Magenta (0%)

 Yellow (12%)

 Black (46%)



 Cyan (80%)

 Magenta (46%)

 Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 338979 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 338979 by changing the saturation by 10% instead.



338979



338979

FFFFFF



0F6F60



6BBFAD



005649



87DBC9



003F32



A3F8E5



00281D



BFFFFF



000C04



DCFFFF



000000



F9FFFF



338979



338979



258976



41897C

■ 188974

■ 4E897E

■ 0A8971

■ 5C8981

■ 008970

■ 6A8983

■ 788986

■ 858988

■ 93898B

■ A1898D

■ AE8990

Harmonies

Analogous

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



558660



338979



0F8993

Triad

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



338979



7C75A8



A27151

Complementary

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



338979



893343

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.



AD6A65



338979



9A6D97

Square

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



338979



547EAE



AA687E



8E7948

Rectangle

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



338979



1787A1



AA687E



A76E57

Sweetspot

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



338979



91B3AC



448933



455955



D9D9D9



595959

Same Dimension

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



338979



2DB39A



336F89



3E4544



00856C



000504

Inverse Universe

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



893343



B32D46



894D33



453E3F



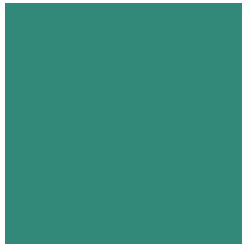
850019



050001

Previews

White Background



This preview shows how the Hex color 338979 looks on a white background.

Color Contrast Check

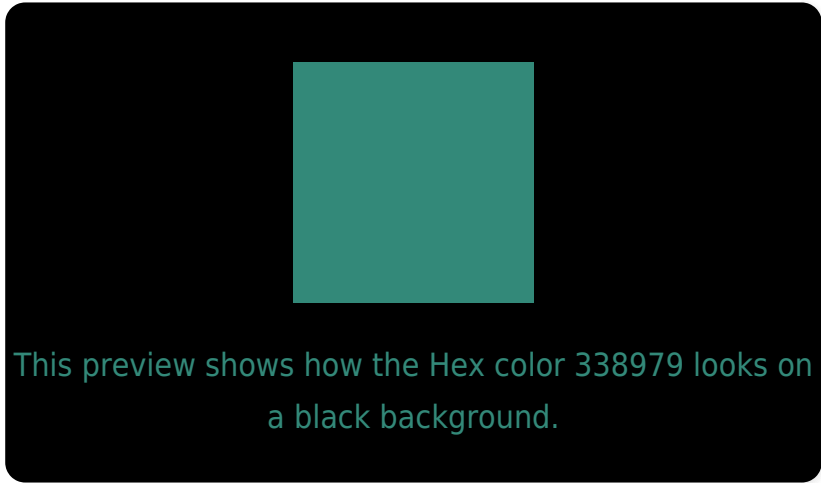
Large Text (above 18pt) WCAG AA ✓ Pass

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

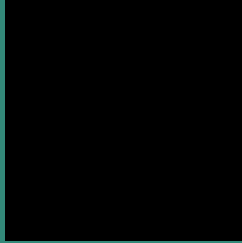
Any Text WCAG AA ✓ Pass

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 338979 Background



This preview shows how black text looks on a background with the Hex color 338979.

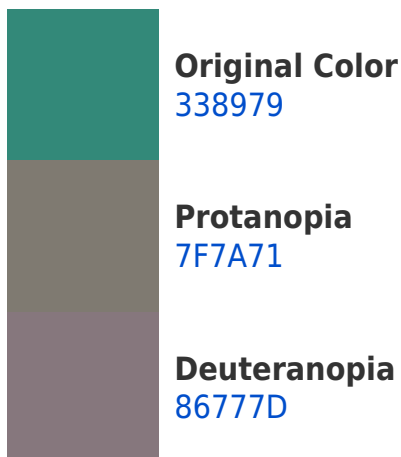


This preview shows how white text looks on a background with the Hex color 338979.

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
3D8690

Trichromacy



Original Color
338979



Protanomaly
637F74



Deuteranomaly
687E7C



Tritanomaly
398788

Monochromacy



Original Color
338979



Achromatopsia
6D6D6D



Achromatomaly
587771

CSS Examples

Text

The CSS property to change the color of the text to Hex 338979 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 #338979 looks like.

```
.text, #text, p{  
    color:#338979  
}
```

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 #338979 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #338979
}
```

Border

The CSS property to change the border of an element to Hex 338979 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
#338979 }
```

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

```
.border{ border-color:#338979 }
```

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

Here you see how a box with a 4 pixel #338979 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #338979; -webkit-box-shadow:4px 4px  
4px 4px #338979; box-shadow:4px 4px 4px  
4px #338979 }
```

Background

The CSS property to change the background color of an element to Hex 338979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#338979 }
```

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

```
.background{ background-color:#338979 }
```

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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