

Converting Colors

Hex(338973)

Have a look what the booklet for
Hex(338973) contains.

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Color

Hex(338973)

Conversions

Conversions Part 1

Format	Color
Hex	338973
RGB	51, 137, 115
RGB Percent	20%, 54%, 45%
CMY	0.8000, 0.4627, 0.5490
CMYK	0.63, 0.00, 0.16, 0.46
HSL	165°, 46%, 37%
HSV	165°, 63%, 54%
XYZ	13.4054, 19.8329, 19.3413
YIQ	108.7780, -44.1940, -25.0740

Conversions

Conversions Part 2

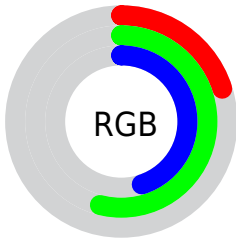
Format	Color
R _{YB}	51, 100, 137
Decimal	3377523
CIE Lab	51.65, -31.32, 4.21
CIE LCh	52, 31.601, 172.350
Yxy	19.8329, 0.2550, 0.3772
Android (android.graphics.Color)	4281567603 (0xFF338973)
YUV	108.7780, 3.0674, -50.6713
Hunter-Lab	44.5342, -24.2038, 5.4242

Details

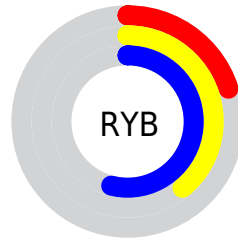
The Hex color **338973** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **893349**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **6BBFA7**, and **005643** is the 20% darker color. If you saturate the color by 10%, you get **25896F**, and if you desaturate by 10%, it is **418977**.

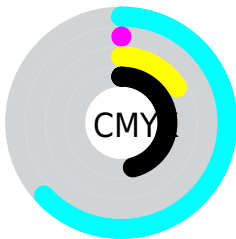
Distribution



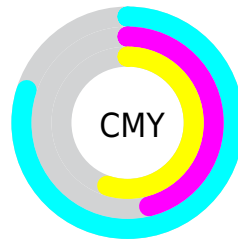
- Red (20%)
- Green (54%)
- Blue (45%)



- Red (20%)
- Yellow (39%)
- Blue (54%)



- Cyan (63%)
- Magenta (0%)
- Yellow (16%)
- Black (46%)



- Cyan (80%)
- Magenta (46%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 338973 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 338973 by changing the saturation by 10% instead.

 338973

 338973

FFFFFF

 106F5A

 6BBFA7

 005643

 86DBC2

 003E2D

 A2F8DE

 002818

 BFFFFA

 000B00

 DBFFFF

 000000

 F9FFFF

 338973

 338973

 25896F

 418977

■ 18896C

■ 4E897A

■ 0A8968

■ 5C897E

■ 008966

■ 6A8981

■ 788985

■ 858988

■ 93898C

■ A1898F

■ AE8993

Harmonies

Analogous

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



598659



338973



00898F

Triad

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



338973



7477AD



A66E51

Complementary

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



338973



893349

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.



AF6768



338973



966D9C

Square

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



338973



4580B0



AB6683



937745

Rectangle

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



338973



00889F



AB6683



AB6B58

Sweetspot

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



338973



91B3AA



4A8933



455954



D9D9D9



595959

Same Dimension

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



338973



2DB390



337589



3E4543



008563



000504

Inverse Universe

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



893349



B32D4F



894733



453E40



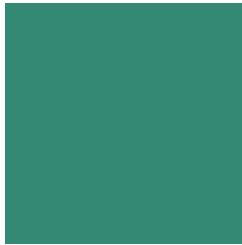
850022



050001

Previews

White Background



This preview shows how the Hex color 338973 looks on a white background.

Color Contrast Check

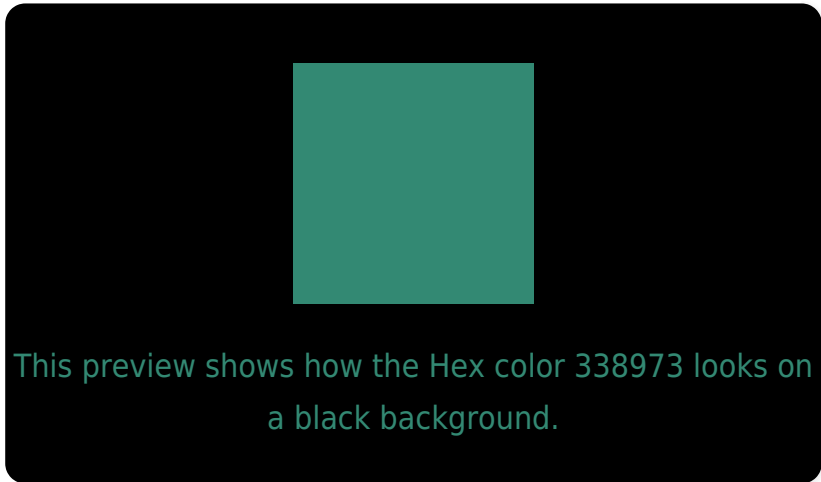
Large Text (above 18pt) WCAG AA ✓ Pass

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

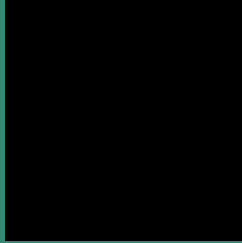
Any Text WCAG AA ✓ Pass

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 338973 Background



This preview shows how black text looks on a background with the Hex color 338973.

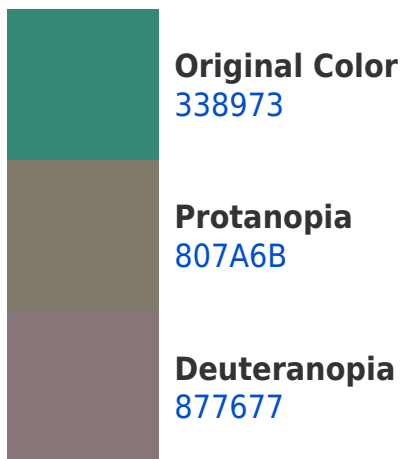


This preview shows how white text looks on a background with the Hex color 338973.

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
3E8590

Trichromacy



Original Color
338973

Protanomaly
647F6E

Deuteranomaly
687D76

Tritanomaly
3A8685

Monochromacy



Original Color
338973

Achromatopsia
6D6D6D

Achromatomaly
58776F

CSS Examples

Text

The CSS property to change the color of the text to Hex 338973 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 #338973 looks like.

```
.text, #text, p{  
    color:#338973  
}
```

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 #338973 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #338973
}
```

Border

The CSS property to change the border of an element to Hex 338973 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
#338973 }
```

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

```
.border{ border-color:#338973 }
```

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

Here you see how a box with a 4 pixel #338973 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #338973; -webkit-box-shadow:4px 4px  
4px 4px #338973; box-shadow:4px 4px 4px  
4px #338973 }
```

Background

The CSS property to change the background color of an element to Hex 338973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#338973 }
```

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

```
.background{ background-color:#338973 }
```

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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