

Converting Colors

Hex(338073)

Have a look what the booklet for
Hex(338073) contains.

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Color

Hex(338073)

Conversions

Conversions Part 1

Format	Color
Hex	338073
RGB	51, 128, 115
RGB Percent	20%, 50%, 45%
CMY	0.8000, 0.4980, 0.5490
CMYK	0.60, 0.00, 0.10, 0.50
HSL	170°, 43%, 35%
HSV	170°, 60%, 50%
XYZ	12.1789, 17.3800, 18.9324
YIQ	103.4950, -41.7190, -20.3670

Conversions

Conversions Part 2

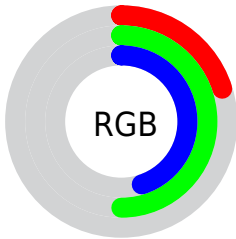
Format	Color
RYB	51, 93, 128
Decimal	3375219
CIELab	48.74, -26.96, -0.02
CIELCh	49, 26.958, 180.036
Yxy	17.3800, 0.2512, 0.3584
Android (android.graphics.Color)	4281565299 (0xFF338073)
YUV	103.4950, 5.6720, -46.0381
Hunter-Lab	41.6893, -20.8100, 2.2570

Details

The Hex color **338073** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **803340**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **6AB5A7**, and **004E43** is the 20% darker color. If you saturate the color by 10%, you get **268071**, and if you desaturate by 10%, it is **408075**.

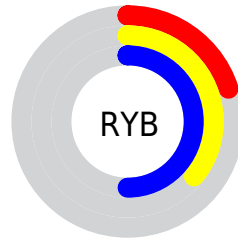
Distribution



Red (20%)

Green (50%)

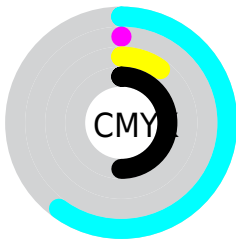
Blue (45%)



Red (20%)

Yellow (36%)

Blue (50%)

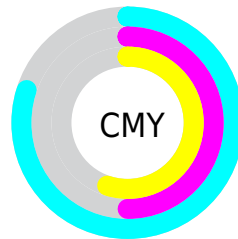


Cyan (60%)

Magenta (0%)

Yellow (10%)

Black (50%)



Cyan (80%)

Magenta (50%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 338073 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 338073 by changing the saturation by 10% instead.

■ 338073

■ 338073

FFFFFF

■ 13675A

■ 6AB5A7

■ 004E43

■ 85D1C2

■ 00372D

■ A0EDDE

■ 002218

■ BDFFFA

■ 000000

■ D9FFFF

■ F6FFFF

■ 338073

■ 338073

■ 268071

■ 408075

19806F

4D8077

0D806D

598079

00806A

66807C

73807E

808080

8D8082

998084

A68086

Harmonies

Analogous

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



507E5C



338073



1C7F8A

Triad

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



338073



776E9B



966A4D

Complementary

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



338073



803340

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.



A0645E



338073



91668B

Square

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



338073



5476A1



9F6275



837246

Rectangle

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



338073



247E96



9F6275



9A6852

Sweetspot

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



338073



88A6A1



418033



425451



D4D4D4



545454

Same Dimension

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



338073



2EA692



336880



39403F



00806A



000000

Inverse Universe

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



803340



A62E43



804B33



40393A



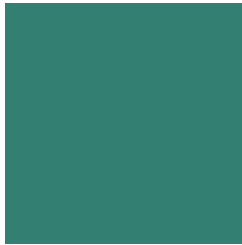
800016



000000

Previews

White Background



This preview shows how the Hex color 338073 looks on a white background.

Color Contrast Check

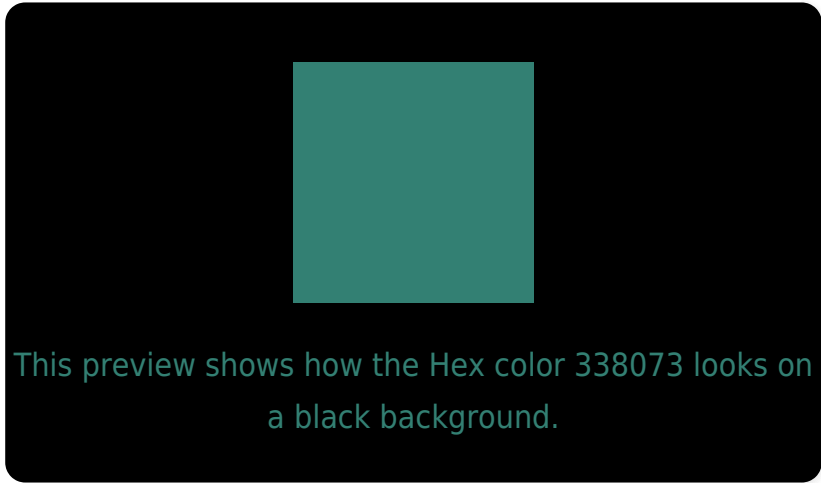
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

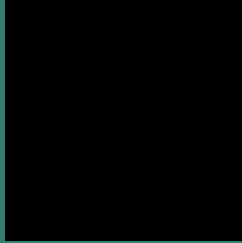
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 338073 Background



This preview shows how black text looks on a background with the Hex color 338073.

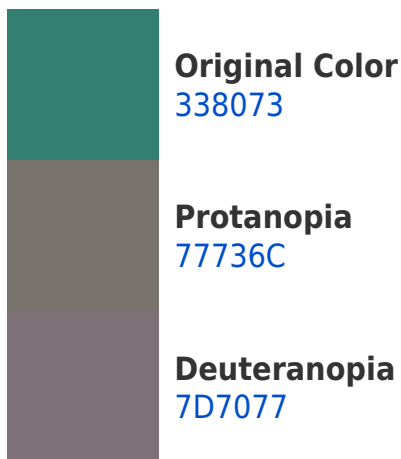



This preview shows how white text looks on a background with the Hex color 338073.

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
3B7D87

Trichromacy



Original Color
338073

Protanomaly
5E786F

Deuteranomaly
627676

Tritanomaly
387E80

Monochromacy



Original Color
338073

Achromatopsia
676767

Achromatomaly
54706B

CSS Examples

Text

The CSS property to change the color of the text to Hex 338073 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 #338073 looks like.

```
.text, #text, p{  
    color:#338073  
}
```

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 #338073 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #338073  
}
```

Border

The CSS property to change the border of an element to Hex 338073 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  
#338073 }
```

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

```
.border{ border-color:#338073 }
```

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

Here you see how a box with a 4 pixel #338073 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #338073; -webkit-box-shadow:4px 4px  
4px 4px #338073; box-shadow:4px 4px 4px  
4px #338073 }
```

Background

The CSS property to change the background color of an element to Hex 338073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#338073 }
```

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

```
.background{ background-color:#338073 }
```

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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