

Converting Colors

Hex(338575)

Have a look what the booklet for
Hex(338575) contains.

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Color

Hex(338575)

Conversions

Conversions Part 1

Format	Color
Hex	338575
RGB	51, 133, 117
RGB Percent	20%, 52%, 46%
CMY	0.8000, 0.4784, 0.5412
CMYK	0.62, 0.00, 0.12, 0.48
HSL	168°, 45%, 36%
HSV	168°, 62%, 52%
XYZ	12.9637, 18.7632, 19.7680
YIQ	106.6580, -43.7360, -22.3600

Conversions

Conversions Part 2

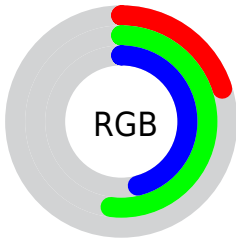
Format	Color
RYB	51, 96, 133
Decimal	3376501
CIELab	50.41, -28.87, 1.25
CIElCh	50, 28.898, 177.521
Yxy	18.7632, 0.2517, 0.3644
Android (android.graphics.Color)	4281566581 (0xFF338575)
YUV	106.6580, 5.0986, -48.8121
Hunter-Lab	43.3165, -22.3829, 3.2639

Details

The Hex color **338575** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **853343**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **6ABBA9**, and **005345** is the 20% darker color. If you saturate the color by 10%, you get **268572**, and if you desaturate by 10%, it is **408578**.

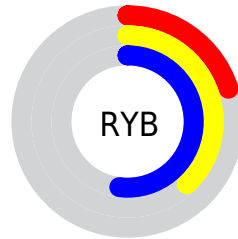
Distribution



Red (20%)

Green (52%)

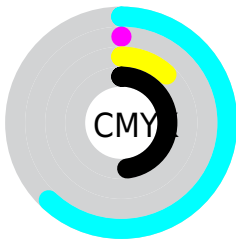
Blue (46%)



Red (20%)

Yellow (38%)

Blue (52%)

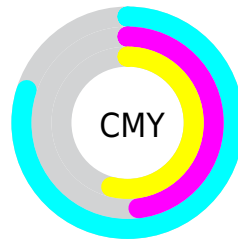


Cyan (62%)

Magenta (0%)

Yellow (12%)

Black (48%)



Cyan (80%)

Magenta (48%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 338575 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 338575 by changing the saturation by 10% instead.



338575



338575

FFFFFF



116B5C



6ABBA9



005345



86D7C4



003B2F



A2F3E0



00251A



BEFFFD



000300



DBFFFF



000000



F8FFFF



338575



338575



268572



408578

■ 188570

■ 4E857A

■ 0B856D

■ 5B857D

■ 00856B

■ 68857F

■ 768582

■ 838585

■ 908587

■ 9D858A

■ AB858C

Harmonies

Analogous

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



54835D



338575



12858E

Triad

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



338575



7872A4



9D6D4F

Complementary

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



338575



853343

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.



A76762



338575



956A93

Square

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



338575



517BA9



A5657B



8A7646

Rectangle

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



338575



18839C



A5657B



A26B55

Sweetspot

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



338575



8EADA7



438533



445753



D6D6D6



575757

Same Dimension

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



338575



2DAD94



336C85



3C4241



008269



000302

Inverse Universe

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



853343



AD2D46



854C33



423C3D



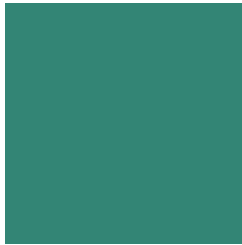
820019



030000

Previews

White Background



This preview shows how the Hex color 338575 looks on a white background.

Color Contrast Check

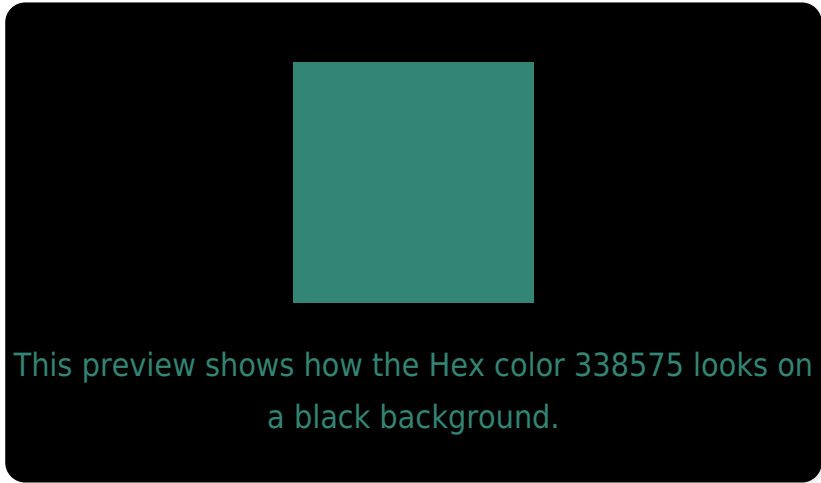
Large Text (above 18pt) WCAG AA ✓ Pass

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

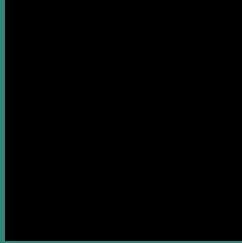
Any Text WCAG AA ✓ Pass

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 338575 Background



This preview shows how black text looks on a background with the Hex color 338575.

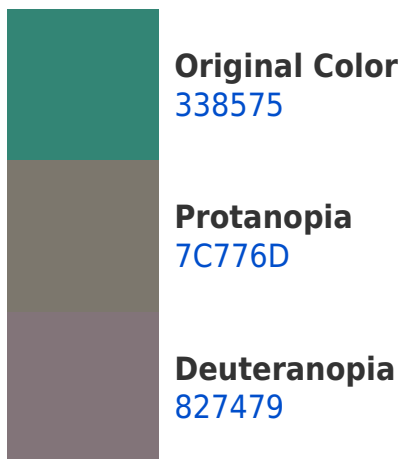


This preview shows how white text looks on a background with the Hex color 338575.

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
3C828C

Trichromacy



Original Color
338575

Protanomaly
617C70

Deuteranomaly
657A78

Tritanomaly
398384

Monochromacy



Original Color
338575

Achromatopsia
6B6B6B

Achromatomaly
57746F

CSS Examples

Text

The CSS property to change the color of the text to Hex 338575 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 #338575 looks like.

```
.text, #text, p{  
    color:#338575  
}
```

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 #338575 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #338575
}
```

Border

The CSS property to change the border of an element to Hex 338575 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
#338575 }
```

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

```
.border{ border-color:#338575 }
```

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

Here you see how a box with a 4 pixel #338575 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #338575; -webkit-box-shadow:4px 4px  
4px 4px #338575; box-shadow:4px 4px 4px  
4px #338575 }
```

Background

The CSS property to change the background color of an element to Hex 338575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#338575 }
```

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

```
.background{ background-color:#338575 }
```

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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