

Converting Colors

Hex(338B69)

Have a look what the booklet for
Hex(338B69) contains.

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Color

Hex(338B69)

Conversions

Conversions Part 1

Format	Color
Hex	338B69
RGB	51, 139, 105
RGB Percent	20%, 55%, 41%
CMY	0.8000, 0.4549, 0.5882
CMYK	0.63, 0.00, 0.24, 0.45
HSL	157°, 46%, 37%
HSV	157°, 63%, 55%
XYZ	13.1477, 20.1890, 16.5685
YIQ	108.8120, -41.5340, -29.2300

Conversions

Conversions Part 2

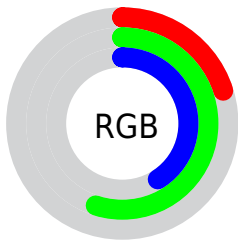
Format	Color
RYB	51, 106, 139
Decimal	3378025
CIELab	52.05, -34.73, 10.55
CIELCh	52, 36.300, 163.100
Yxy	20.1890, 0.2635, 0.4045
Android (android.graphics.Color)	4281568105 (0xFF338B69)
YUV	108.8120, -1.8793, -50.7011
Hunter-Lab	44.9321, -26.4001, 9.5896

Details

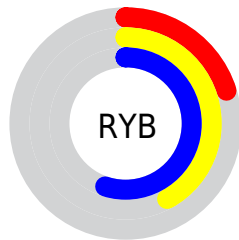
The Hex color **338B69** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8B3355**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **6BC19C**, and **00583A** is the 20% darker color. If you saturate the color by 10%, you get **258B64**, and if you desaturate by 10%, it is **418B6E**.

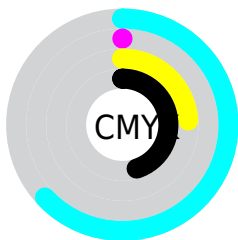
Distribution



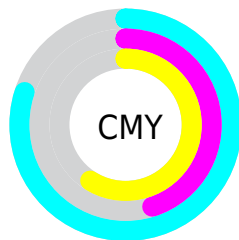
- Red (20%)
- Green (55%)
- Blue (41%)



- Red (20%)
- Yellow (42%)
- Blue (55%)



- Cyan (63%)
- Magenta (0%)
- Yellow (24%)
- Black (45%)



- Cyan (80%)
- Magenta (45%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 338B69 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 338B69 by changing the saturation by 10% instead.

 338B69

 338B69

FFFFFF

 107151

 6BC19C

 00583A

 86DDB7

 004024

 A2FAD3

 002A0F

 BFFFEF

 000E00

 DBFFFF

 000000

 F9FFFF

 338B69

 338B69

 258B64

 418B6E

■ 178B5E

■ 4F8B74

■ 098B59

■ 5D8B79

■ 008B55

■ 6B8B7E

■ 798B84

■ 868B89

■ 948B8F

■ A28B94

■ B08B99

Harmonies

Analogous

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



60864D



338B69



008C89

Triad

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



338B69



637BB9



B16953

Complementary

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



338B69



8B3355

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.



B86370



338B69



916FAA

Square

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



338B69



1684B7



AD658F



9E7440

Rectangle

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



338B69



008B9D



AD658F



B5665C

Sweetspot

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



338B69



93B5A8



568B33



475C54



DBDBDB



5C5C5C

Same Dimension

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



338B69



2BB580



33828B



3E4542



008551



000503

Inverse Universe

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



8B3355



B52B61



8B3C33



453E41



850033



050002

Previews

White Background



This preview shows how the Hex color 338B69 looks on a white background.

Color Contrast Check

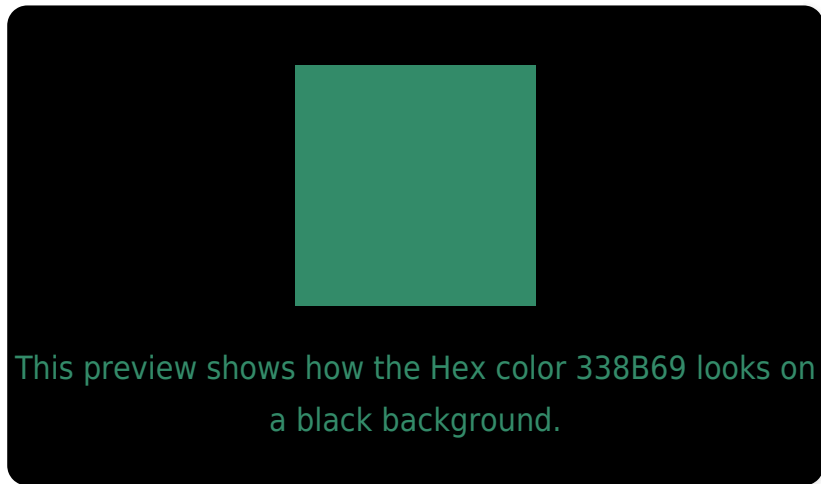
Large Text (above 18pt) WCAG AA ✓ Pass

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

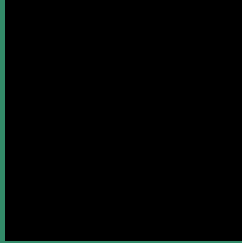
Any Text WCAG AA ✓ Pass

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 338B69 Background



This preview shows how black text looks on a background with the Hex color 338B69.

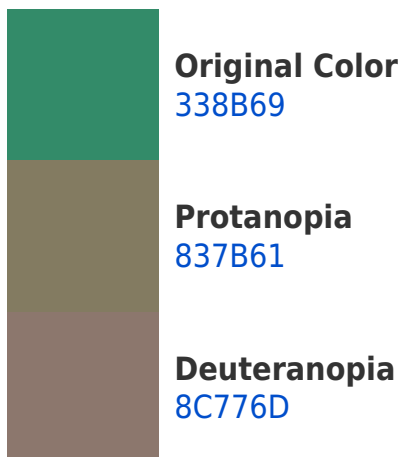



This preview shows how white text looks on a background with the Hex color 338B69.

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](#).

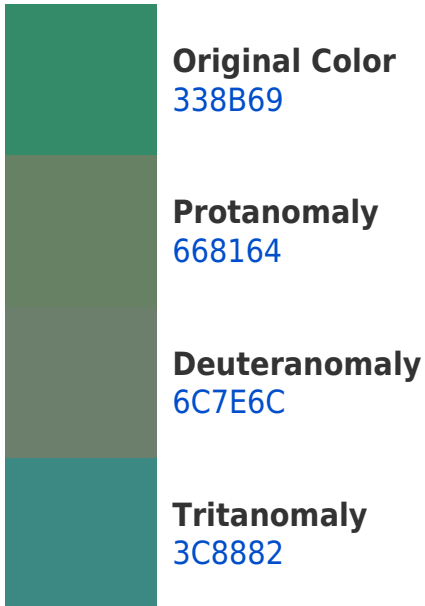
Dichromacy





Tritanopia
418691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 338B69 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 #338B69 looks like.

```
.text, #text, p{  
    color:#338B69  
}
```

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 #338B69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #338B69
}
```

Border

The CSS property to change the border of an element to Hex 338B69 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
#338B69 }
```

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

```
.border{ border-color:#338B69 }
```

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

Here you see how a box with a 4 pixel #338B69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #338B69; -webkit-box-shadow:4px 4px  
4px 4px #338B69; box-shadow:4px 4px 4px  
4px #338B69 }
```

Background

The CSS property to change the background color of an element to Hex 338B69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#338B69 }
```

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

```
.background{ background-color:#338B69 }
```

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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