

Converting Colors

Hex(338268)

Have a look what the booklet for
Hex(338268) contains.

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Color

Hex(338268)

Conversions

Conversions Part 1

Format	Color
Hex	338268
RGB	51, 130, 104
RGB Percent	20%, 51%, 41%
CMY	0.8000, 0.4902, 0.5922
CMYK	0.61, 0.00, 0.20, 0.49
HSL	160°, 44%, 35%
HSV	160°, 61%, 51%
XYZ	11.8466, 17.6685, 15.8827
YIQ	103.4150, -38.7380, -24.8340

Conversions

Conversions Part 2

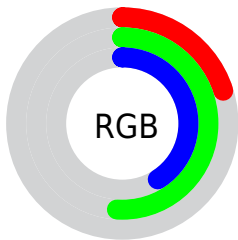
Format	Color
RYB	51, 98, 130
Decimal	3375720
CIELab	49.09, -30.81, 6.95
CIELCh	49, 31.581, 167.295
Yxy	17.6685, 0.2610, 0.3892
Android (android.graphics.Color)	4281565800 (0xFF338268)
YUV	103.4150, 0.2884, -45.9680
Hunter-Lab	42.0340, -23.2522, 7.0208

Details

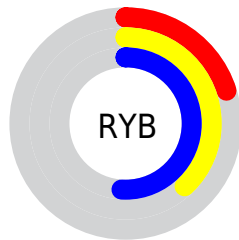
The Hex color **338268** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **82334D**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **69B89B**, and **005039** is the 20% darker color. If you saturate the color by 10%, you get **268264**, and if you desaturate by 10%, it is **40826C**.

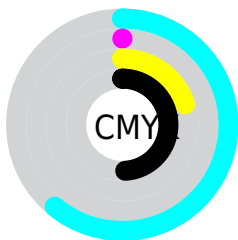
Distribution



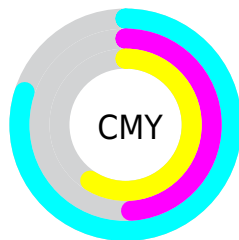
- Red (20%)
- Green (51%)
- Blue (41%)



- Red (20%)
- Yellow (38%)
- Blue (51%)



- Cyan (61%)
- Magenta (0%)
- Yellow (20%)
- Black (49%)



- Cyan (80%)
- Magenta (49%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 338268 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 338268 by changing the saturation by 10% instead.



338268



338268

FFFFFF



136850



69B89B



005039



85D3B6



003823



A0F0D2



00240E



BCFFEE



000000



D9FFFF



F6FFFF



338268



338268



268264



40826C

■ 19825F

■ 4D8271

■ 0C825B

■ 5A8275

■ 008257

■ 678279

■ 74827D

■ 818282

■ 8E8286

■ 9B828A

■ A8828F

Harmonies

Analogous

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



587E4F



338268



008384

Triad

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



338268



6672A8



A2664E

Complementary

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



338268



82334D

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.



A86066



338268



8B6899

Square

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



338268



347BA8



A16181



906F40

Rectangle

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



338268



008294



A16181



A56356

Sweetspot

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



338268



8AA89E



4D8233



42544E



D4D4D4



545454

Same Dimension

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



338268



2DA880



337582



39403E



008056



000000

Inverse Universe

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



82334D



A82D56



824033



40393B



80002A



000000

Previews

White Background



This preview shows how the Hex color 338268 looks on a white background.

Color Contrast Check

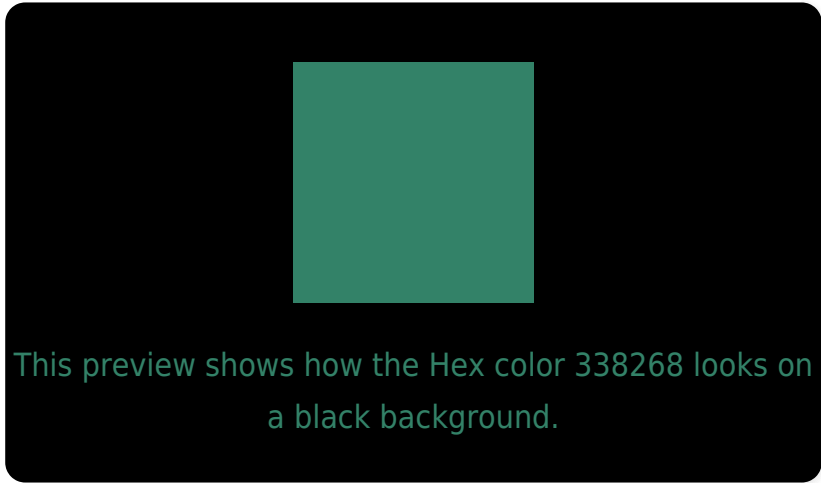
Large Text (above 18pt) WCAG AA ✓ Pass

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

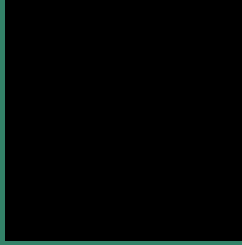
Any Text WCAG AA ✓ Pass

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 338268 Background



This preview shows how black text looks on a background with the Hex color 338268.



This preview shows how white text looks on a background with the Hex color 338268.

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



Original Color
338268

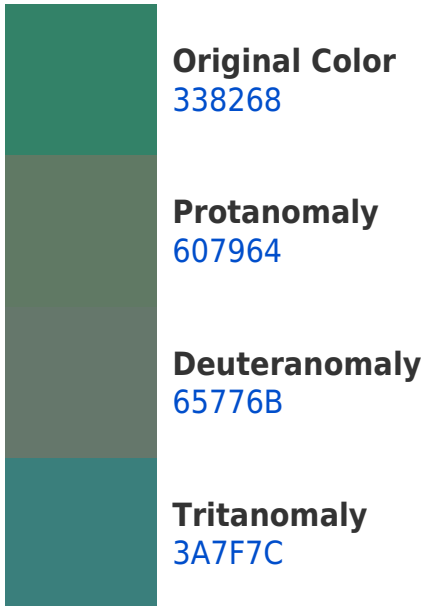
Protanopia
7A7461

Deuteranopia
82706C

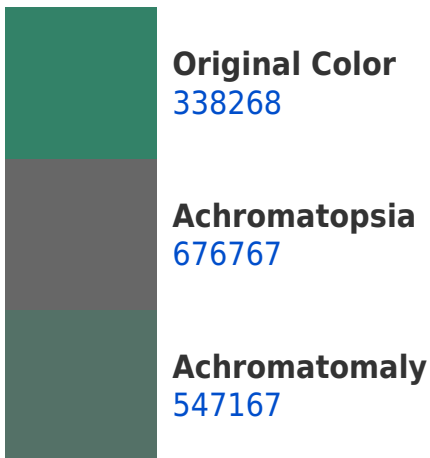


Tritanopia
3E7E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 338268 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 #338268 looks like.

```
.text, #text, p{  
    color:#338268  
}
```

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 #338268 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #338268
}
```

Border

The CSS property to change the border of an element to Hex 338268 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
#338268 }
```

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

```
.border{ border-color:#338268 }
```

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

Here you see how a box with a 4 pixel #338268 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #338268; -webkit-box-shadow:4px 4px  
4px 4px #338268; box-shadow:4px 4px 4px  
4px #338268 }
```

Background

The CSS property to change the background color of an element to Hex 338268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#338268 }
```

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

```
.background{ background-color:#338268 }
```

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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