

Converting Colors

Hex(338683)

Have a look what the booklet for
Hex(338683) contains.

Hex(338683)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(338683)

Conversions

Conversions Part 1

Format	Color
Hex	338683
RGB	51, 134, 131
RGB Percent	20%, 53%, 51%
CMY	0.8000, 0.4745, 0.4863
CMYK	0.62, 0.00, 0.02, 0.47
HSL	178°, 45%, 36%
HSV	178°, 62%, 53%
XYZ	13.9871, 19.3927, 24.4787
YIQ	108.8410, -48.5050, -18.5290

Conversions

Conversions Part 2

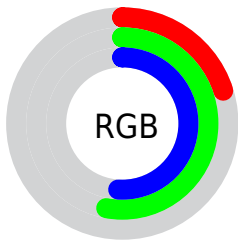
Format	Color
R _Y B	51, 93, 134
Decimal	3376771
CIE Lab	51.14, -25.43, -5.85
CIE LCh	51, 26.098, 192.945
Yxy	19.3927, 0.2417, 0.3352
Android (android.graphics.Color)	4281566851 (0xFF338683)
YUV	108.8410, 10.9244, -50.7266
Hunter-Lab	44.0371, -20.3698, -2.1312

Details

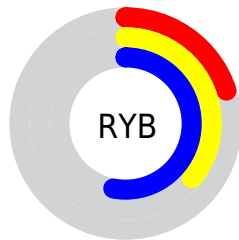
The Hex color **338683** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **863336**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **6BBCB8**, and **005452** is the 20% darker color. If you saturate the color by 10%, you get **268683**, and if you desaturate by 10%, it is **408683**.

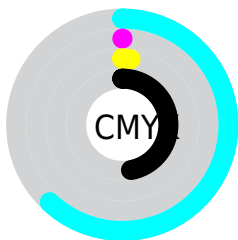
Distribution



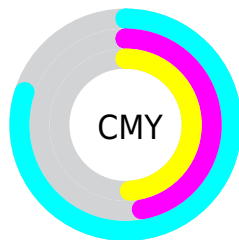
- Red (20%)
- Green (53%)
- Blue (51%)



- Red (20%)
- Yellow (36%)
- Blue (53%)



- Cyan (62%)
- Magenta (0%)
- Yellow (2%)
- Black (47%)



- Cyan (80%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 338683 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 338683 by changing the saturation by 10% instead.

 338683

 338683

FFFFFF

 0F6C6A

 6BBCB8

 005452

 87D7D4

 003C3B

 A3F4F0

 002625

 C0FFFF

 000911

 DCFFFF

 000000

 FAFFFF

 338683

 338683

 268683

 408683

■ 188682

■ 4E8684

■ 0B8682

■ 5B8684

■ 008681

■ 698685

■ 768685

■ 838686

■ 918686

■ 9E8687

■ AC8687

Harmonies

Analogous

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



4C856C



338683



2E8497

Triad

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



338683



89719B



947450

Complementary

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



338683



863336

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.



A26D5C



338683



9E6A87

Square

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



338683



6A79A5



A66971



7F7C4E

Rectangle

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



338683



3D82A1



A66971



9A7253

Sweetspot

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



338683



8CADAC



378633



435756



D6D6D6



575757

Same Dimension

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



338683



2DADA9



336186



3C4242



00827D



000302

Inverse Universe

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



863336



AD2D32



865833



423C3C



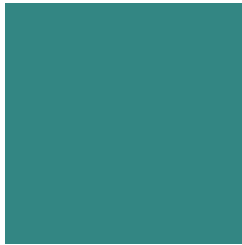
820005



030000

Previews

White Background



This preview shows how the Hex color 338683 looks on a white background.

Color Contrast Check

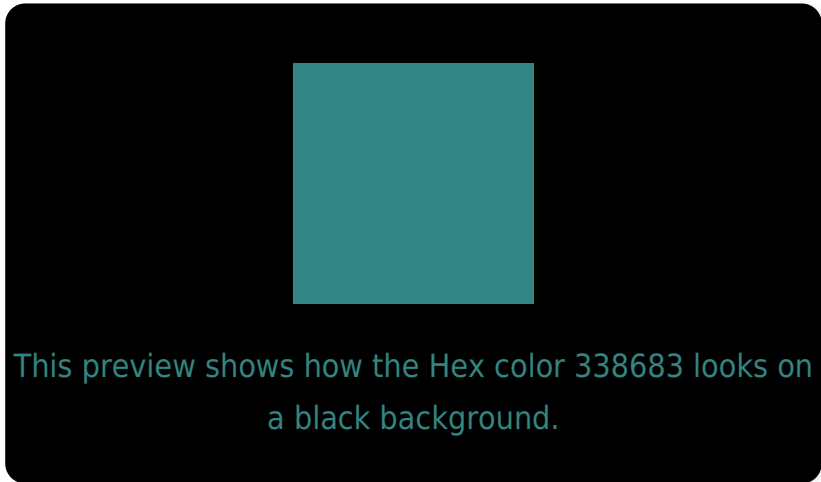
Large Text (above 18pt) WCAG AA ✓ Pass

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

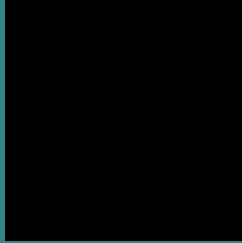
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

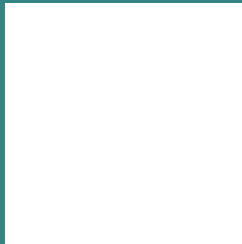
Any Text WCAG AAA × Fail

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

Hex 338683 Background



This preview shows how black text looks on a background with the Hex color 338683.

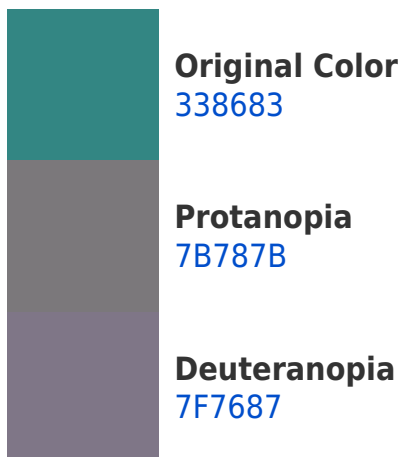


This preview shows how white text looks on a background with the Hex color 338683.

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
38848F

Trichromacy



Original Color
338683

Protanomaly
617D7E

Deuteranomaly
637C86

Tritanomaly
36858B

Monochromacy



Original Color
338683

Achromatopsia
6D6D6D

Achromatomaly
587675

CSS Examples

Text

The CSS property to change the color of the text to Hex 338683 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 #338683 looks like.

```
.text, #text, p{  
    color:#338683  
}
```

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 #338683 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #338683
}
```

Border

The CSS property to change the border of an element to Hex 338683 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
#338683 }
```

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

```
.border{ border-color:#338683 }
```

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

Here you see how a box with a 4 pixel #338683 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #338683; -webkit-box-shadow:4px 4px  
4px 4px #338683; box-shadow:4px 4px 4px  
4px #338683 }
```

Background

The CSS property to change the background color of an element to Hex 338683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#338683 }
```

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

```
.background{ background-color:#338683 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor