

# Converting Colors

Hex(338286)

Have a look what the booklet for  
Hex(338286) contains.

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# Color

Hex(338286)

# Conversions

## Conversions Part 1

Format	Color
Hex	338286
RGB	51, 130, 134
RGB Percent	20%, 51%, 53%
CMY	0.8000, 0.4902, 0.4745
CMYK	0.62, 0.03, 0.00, 0.47
HSL	183°, 45%, 36%
HSV	183°, 62%, 53%
XYZ	13.6509, 18.3903, 25.3845
YIQ	106.8350, -48.3680, -15.5040

# Conversions

## Conversions Part 2

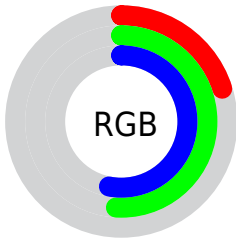
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	51, 91, 134
Decimal	3375750
CIE Lab	49.97, -22.49, -9.36
CIE LCh	50, 24.361, 202.591
Yxy	18.3903, 0.2377, 0.3202
Android (android.graphics.Color)	4281565830 (0xFF338286)
YUV	106.8350, 13.3923, -48.9673
Hunter-Lab	42.8839, -18.2261, -5.0770

# Details

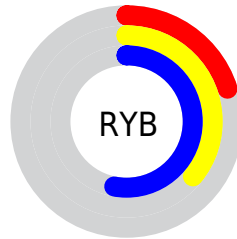
The Hex color **338286** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **863733**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **6BB7BB**, and **005054** is the 20% darker color. If you saturate the color by 10%, you get **268186**, and if you desaturate by 10%, it is **408386**.

# Distribution



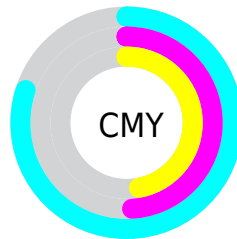
- Red (20%)
- Green (51%)
- Blue (53%)



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



- Cyan (62%)
- Magenta (3%)
- Yellow (0%)
- Black (47%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 338286 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 338286 by changing the saturation by 10% instead.





338286



338286

FFFFFF



0F696D



6BB7BB



005054



87D3D7



00393D



A3EFF3



002328



BFFFFFF



000114



DCFFFF



000000



FAFFFF



338286



338286



268186



408386

188186

4E8386

0B8086

5B8486

008086

698586

768586

838686

918786

9E8786

AC8886

# Harmonies

## Analogous

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



458271



338286



387F97

# Triad

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



338286



8C6C90



8A744E

# Complementary

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



338286



863733

# 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.



996D57



338286



9C687D

# Square

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



338286



73739D



A06868



757A50

# Rectangle

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



338286



497C9E



A06868



907150



# Sweetspot

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



338286



8CACAD



338636



435657



D6D6D6



575757



# Same Dimension

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



338286



2DA7AD



335A86



3C4242



007C82



000203



# Inverse Universe

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



863382



AD2DA7



865F33



423C42



82007C



030002



# Previews

## White Background



This preview shows how the Hex color 338286 looks on a white background.

## Color Contrast Check

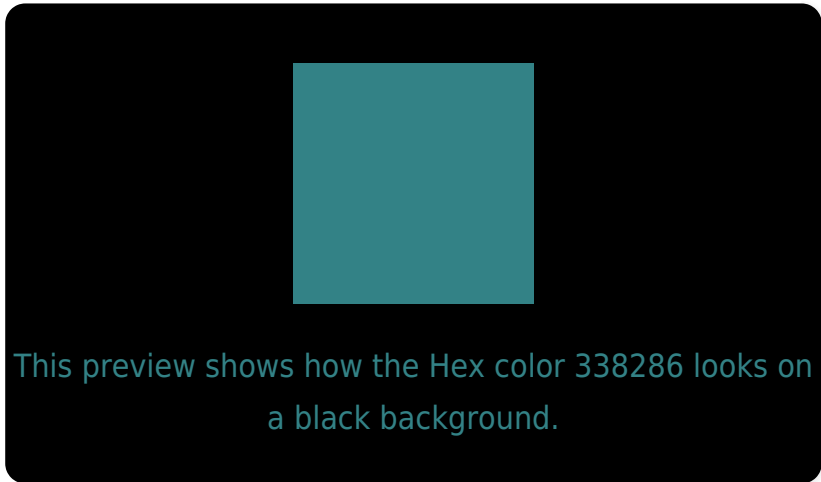
Large Text (above 18pt) WCAG AA ✓ Pass

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

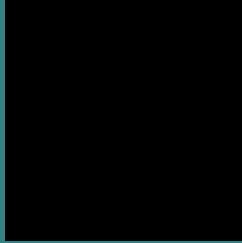
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 338286 Background



This preview shows how black text looks on a background with the Hex color 338286.

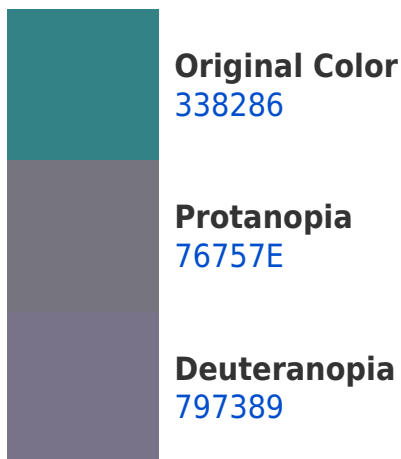



This preview shows how white text looks on a background with the Hex color 338286.

# 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**  
36818C

# Trichromacy



**Original Color**  
338286

**Protanomaly**  
5E7A81

**Deuteranomaly**  
607888

**Tritanomaly**  
35818A

# Monochromacy



**Original Color**  
338286

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
577375

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 338286 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 #338286 looks like.

```
.text, #text, p{  
    color:#338286  
}
```

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 #338286 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #338286
}
```

## Border

The CSS property to change the border of an element to Hex 338286 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
#338286 }
```

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

```
.border{ border-color:#338286 }
```

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

Here you see how a box with a 4 pixel #338286 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #338286; -webkit-box-shadow:4px 4px  
4px 4px #338286; box-shadow:4px 4px 4px  
4px #338286 }
```

# Background

The CSS property to change the background color of an element to Hex 338286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#338286 }
```

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

```
.background{ background-color:#338286 }
```

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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