

Converting Colors

Hex(338AAF)

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

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Color

Hex(338AAF)

Conversions

Conversions Part 1

Format	Color
Hex	338AAF
RGB	51, 138, 175
RGB Percent	20%, 54%, 69%
CMY	0.8000, 0.4588, 0.3137
CMYK	0.71, 0.21, 0.00, 0.31
HSL	198°, 55%, 44%
HSV	198°, 71%, 69%
XYZ	18.1916, 21.9759, 43.8404
YIQ	116.2050, -63.7290, -6.9370

Conversions

Conversions Part 2

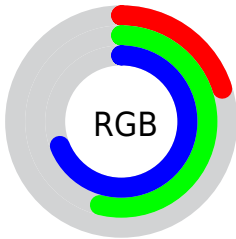
Format	Color
RYB	51, 102, 175
Decimal	3377839
CIELab	54.00, -13.58, -26.99
CIELCh	54, 30.217, 243.287
Yxy	21.9759, 0.2165, 0.2616
Android (android.graphics.Color)	4281567919 (0xFF338AAF)
YUV	116.2050, 28.9859, -57.1848
Hunter-Lab	46.8785, -12.7689, -22.6327

Details

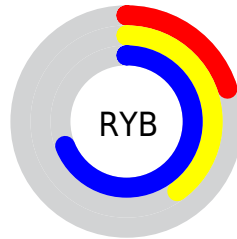
The Hex color **338AAF** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AF5833**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **71BFE7**, and **00587A** is the 20% darker color. If you saturate the color by 10%, you get **2285AF**, and if you desaturate by 10%, it is **458FAF**.

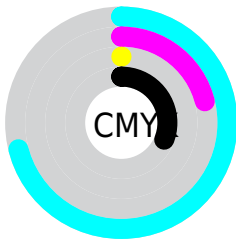
Distribution



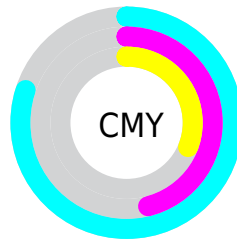
- Red (20%)
- Green (54%)
- Blue (69%)



- Red (20%)
- Yellow (40%)
- Blue (69%)



- Cyan (71%)
- Magenta (21%)
- Yellow (0%)
- Black (31%)



- Cyan (80%)
- Magenta (46%)
- Yellow (31%)

Brightness & Saturation Gradients

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

■ 338AAF

■ 338AAF

FFFFFF

■ 007194

■ 71BFE7

■ 00587A

■ 8EDBFF

■ 004161

■ ABF8FF

■ 002B49

■ C8FFFF

■ 001733

■ E6FFFF

■ 00021D

■ 000000

■ 338AAF

■ 338AAF

■ 2285AF

■ 458FAF

■ 1080AF

■ 5694AF

■ 007BAF

■ 689AAF

■ 799FAF

■ 8BA4AF

■ 9CA9AF

■ AEAFAF

■ BFB4AF

■ D1B9AF

Harmonies

Analogous

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



158E9D



338AAF



6083B5

Triad

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



338AAF



B36D7F



748855

Complementary

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



338AAF



AF5833

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.



90804D



338AAF



B27066

Square

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



338AAF



A47199



A67753



558D69

Rectangle

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



338AAF



7C7DB1



A67753



7E8650

Sweetspot

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



338AAF



B3D5E3



33AF56



566A73



F2F2F2



737373

Same Dimension

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



338AAF



22A9E3



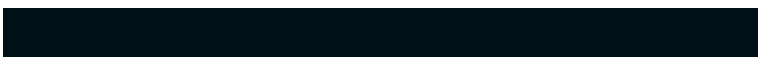
334EAF



4E5457



006A96



001017

Inverse Universe

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



AF338A



E322A9



AF9433



574E54



96006A



170010

Previews

White Background



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

Color Contrast Check

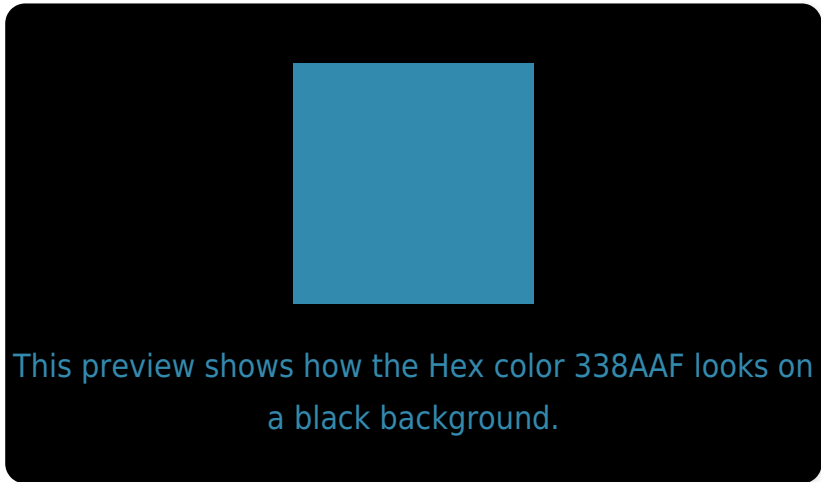
Large Text (above 18pt) WCAG AA ✓ Pass

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 338AAF Background



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

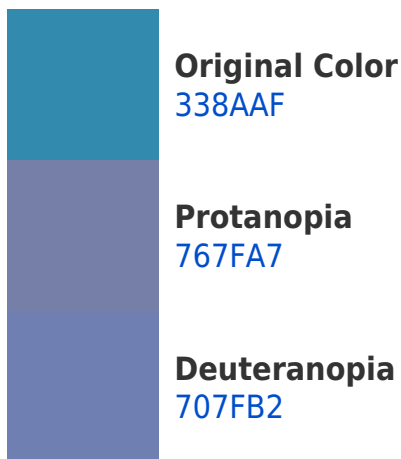


This preview shows how white text looks on a background with the Hex color 338AAF.

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](#).

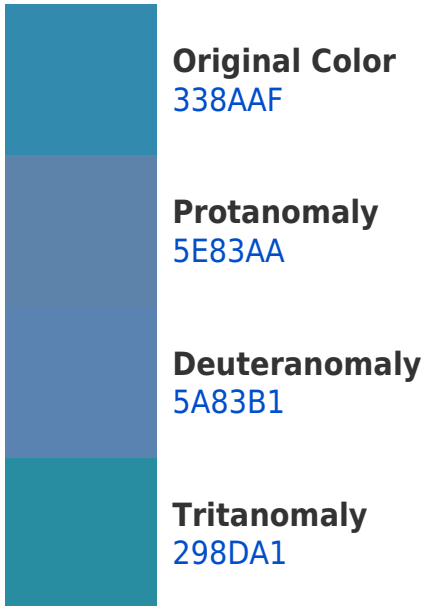
Dichromacy



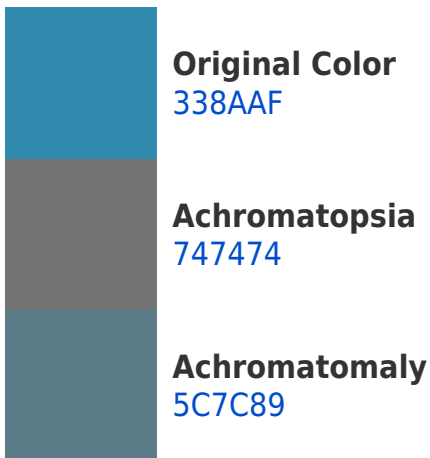


Tritanopia
238E99

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #338AAF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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