

Converting Colors

Hex(338F9A)

Have a look what the booklet for
Hex(338F9A) contains.

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Color

Hex(338F9A)

Conversions

Conversions Part 1

Format	Color
Hex	338F9A
RGB	51, 143, 154
RGB Percent	20%, 56%, 60%
CMY	0.8000, 0.4392, 0.3961
CMYK	0.67, 0.07, 0.00, 0.40
HSL	186°, 50%, 40%
HSV	186°, 67%, 60%
XYZ	17.0204, 22.6818, 34.0528
YIQ	116.7460, -58.3630, -16.0830

Conversions

Conversions Part 2

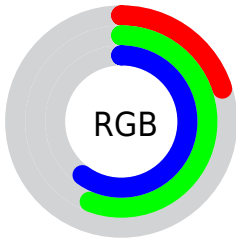
Format	Color
R _Y B	51, 100, 154
Decimal	3379098
CIE Lab	54.74, -23.10, -13.79
CIE LCh	55, 26.902, 210.827
Yxy	22.6818, 0.2308, 0.3075
Android (android.graphics.Color)	4281569178 (0xFF338F9A)
YUV	116.7460, 18.3662, -57.6592
Hunter-Lab	47.6254, -19.5520, -9.0553

Details

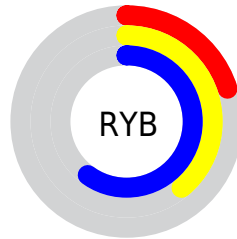
The Hex color **338F9A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9A3E33**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **6FC5D0**, and **005C67** is the 20% darker color. If you saturate the color by 10%, you get **248D9A**, and if you desaturate by 10%, it is **42919A**.

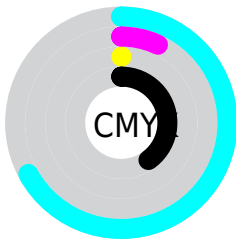
Distribution



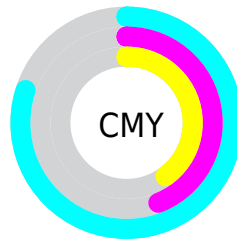
- Red (20%)
- Green (56%)
- Blue (60%)



- Red (20%)
- Yellow (39%)
- Blue (60%)



- Cyan (67%)
- Magenta (7%)
- Yellow (0%)
- Black (40%)



- Cyan (80%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 338F9A 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 338F9A by changing the saturation by 10% instead.

 338F9A

 338F9A

FFFFFF

 057580

 6FC5D0

 005C67

 8BE1ED

 00444F

 A8FEFF

 002E38

 C5FFFF

 001A23

 E2FFFF

 00000B

 000000

 338F9A

 338F9A

 248D9A

 42919A

■ 148C9A

■ 52929A

■ 058A9A

■ 61949A

■ 008A9A

■ 71969A

■ 80979A

■ 8F999A

■ 9F9B9A

■ AE9C9A

■ BE9E9A

Harmonies

Analogous

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



439083



338F9A



428BAB

Triad

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



338F9A



A1759A



928254

Complementary

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



338F9A



9A3E33

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.



A67A5B



338F9A



AF7183

Square

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



338F9A



877DAB



B0736C



7A895A

Rectangle

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



338F9A



5887B0



B0736C



9A7F55

Sweetspot

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



338F9A



A1C5C9



339A3D



4E6366



E6E6E6



666666

Same Dimension

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



338F9A



28B8C9



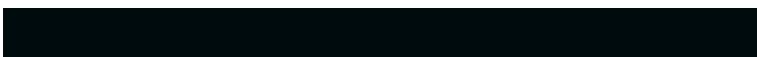
335C9A



454C4D



007D8C



000B0D

Inverse Universe

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



9A338F



C928B8



9A7133



4D454C



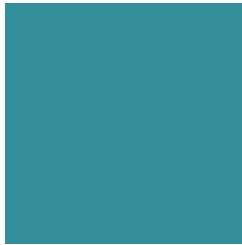
8C007D



0D000B

Previews

White Background



This preview shows how the Hex color 338F9A looks on a white background.

Color Contrast Check

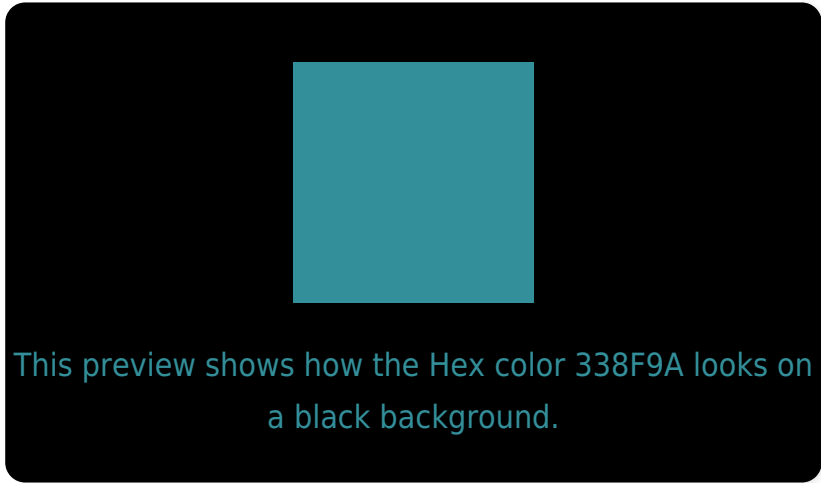
Large Text (above 18pt) WCAG AA ✓ Pass

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

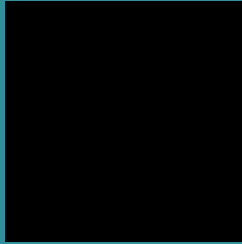
Any Text WCAG AA ✓ Pass

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 338F9A Background



This preview shows how black text looks on a background with the Hex color 338F9A.

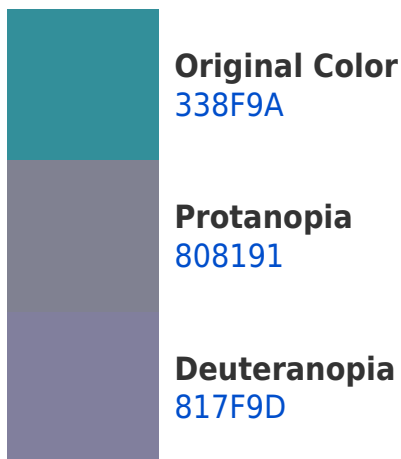


This preview shows how white text looks on a background with the Hex color 338F9A.

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](#).

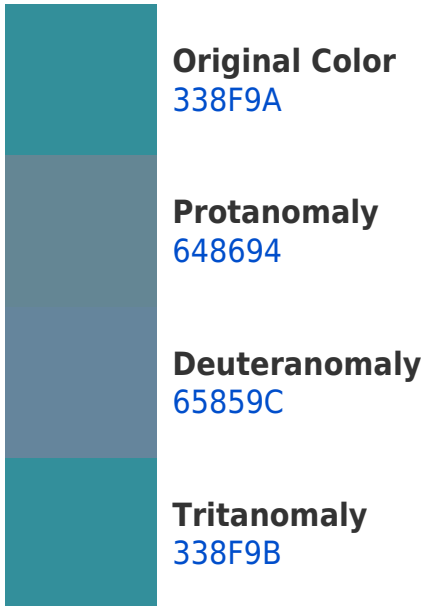
Dichromacy





Tritanopia
338F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 338F9A 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 #338F9A looks like.

```
.text, #text, p{  
    color:#338F9A  
}
```

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 #338F9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #338F9A
}
```

Border

The CSS property to change the border of an element to Hex 338F9A 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
#338F9A }
```

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

```
.border{ border-color:#338F9A }
```

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

Here you see how a box with a 4 pixel #338F9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #338F9A; -webkit-box-shadow:4px 4px  
4px 4px #338F9A; box-shadow:4px 4px 4px  
4px #338F9A }
```

Background

The CSS property to change the background color of an element to Hex 338F9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#338F9A }
```

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

```
.background{ background-color:#338F9A }
```

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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