

Converting Colors

Hex(339FA8)

Have a look what the booklet for
Hex(339FA8) contains.

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Color

Hex(339FA8)

Conversions

Conversions Part 1

Format	Color
Hex	339FA8
RGB	51, 159, 168
RGB Percent	20%, 62%, 66%
CMY	0.8000, 0.3765, 0.3412
CMYK	0.70, 0.05, 0.00, 0.34
HSL	185°, 53%, 43%
HSV	185°, 70%, 66%
XYZ	20.8313, 28.3272, 41.4156
YIQ	127.7340, -67.2570, -20.0970

Conversions

Conversions Part 2

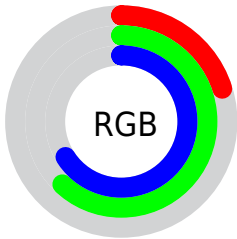
Format	Color
RYB	51, 107, 168
Decimal	3383208
CIELab	60.18, -26.92, -13.56
CIElCh	60, 30.139, 206.737
Yxy	28.3272, 0.2300, 0.3128
Android (android.graphics.Color)	4281573288 (0xFF339FA8)
YUV	127.7340, 19.8511, -67.2957
Hunter-Lab	53.2233, -23.2771, -8.8800

Details

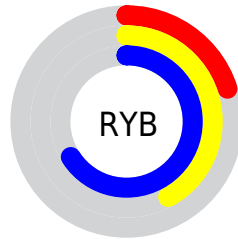
The Hex color **339FA8** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A83C33**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **72D6DF**, and **006B74** is the 20% darker color. If you saturate the color by 10%, you get **229EA8**, and if you desaturate by 10%, it is **44A0A8**.

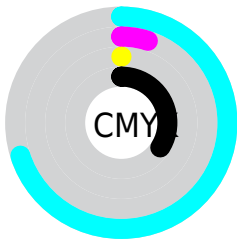
Distribution



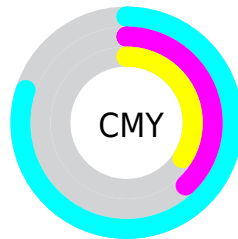
- Red (20%)
- Green (62%)
- Blue (66%)



- Red (20%)
- Yellow (42%)
- Blue (66%)



- Cyan (70%)
- Magenta (5%)
- Yellow (0%)
- Black (34%)



- Cyan (80%)
- Magenta (38%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 339FA8 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 339FA8 by changing the saturation by 10% instead.

 339FA8

 339FA8

FFFFFF

 00858E

 72D6DF

 006B74

 8FF3FC

 00525B

 ACFFFF

 003B44

 CAFFFF

 00252E

 E7FFFF

 00031A

 000000

 339FA8

 339FA8

 229EA8

 44A0A8

■ 119CA8

■ 55A2A8

■ 019BA8

■ 65A3A8

■ 009BA8

■ 76A4A8

■ 87A5A8

■ 98A7A8

■ A9A8A8

■ B9A9A8

■ CAABA8

Harmonies

Analogous

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



4B9F8D



339FA8



409BBD

Triad

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



339FA8



B082AF



A68E5C

Complementary

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



339FA8



A83C33

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.



BB8566



339FA8



C27D95

Square

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



339FA8



908BC0



C57E7A



8A9761

Rectangle

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



339FA8



5A97C4



C57E7A



AE8B5E

Sweetspot

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



339FA8



ADD8DB



33A83B



526C6E



EDEDED



6E6E6E

Same Dimension

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



339FA8



23CDDB



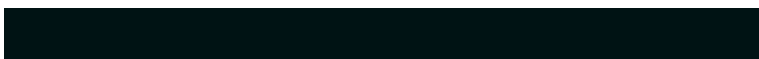
3366A8



4C5454



008994



001314

Inverse Universe

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



A8339F



DB23CD



A87533



544C54



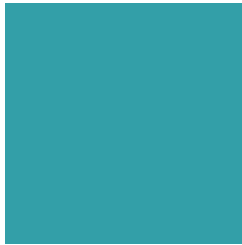
940089



140013

Previews

White Background



This preview shows how the Hex color 339FA8 looks on a white background.

Color Contrast Check

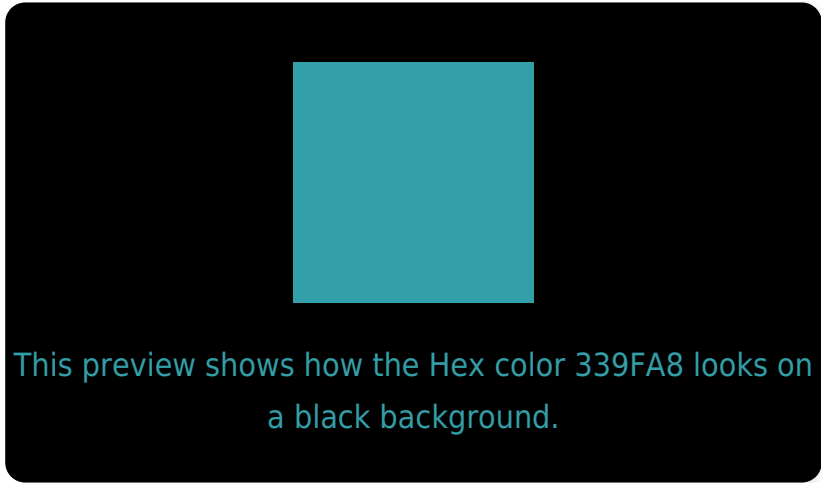
Large Text (above 18pt) WCAG AA ✓ Pass

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

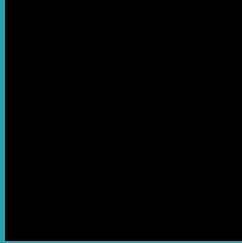
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

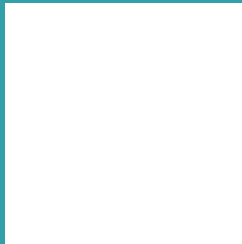
Any Text WCAG AAA × Fail

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

Hex 339FA8 Background



This preview shows how black text looks on a background with the Hex color 339FA8.



This preview shows how white text looks on a background with the Hex color 339FA8.

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](#).

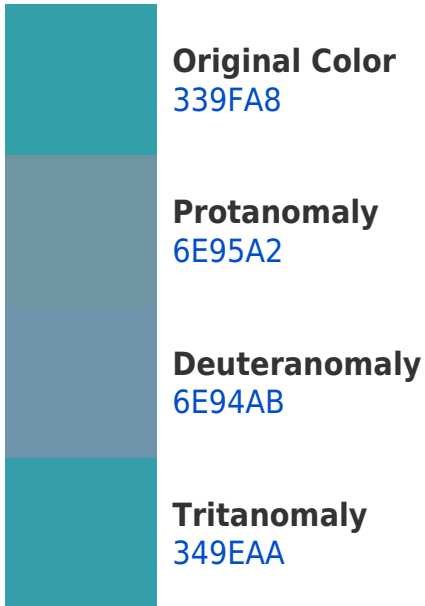
Dichromacy



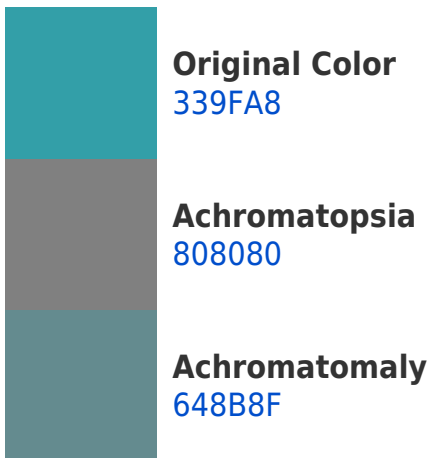


Tritanopia
359EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 339FA8 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 #339FA8 looks like.

```
.text, #text, p{  
    color:#339FA8  
}
```

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 #339FA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #339FA8  
}
```

Border

The CSS property to change the border of an element to Hex 339FA8 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  
#339FA8 }
```

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

```
.border{ border-color:#339FA8 }
```

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

Here you see how a box with a 4 pixel #339FA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #339FA8; -webkit-box-shadow:4px 4px  
4px 4px #339FA8; box-shadow:4px 4px 4px  
4px #339FA8 }
```

Background

The CSS property to change the background color of an element to Hex 339FA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#339FA8 }
```

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

```
.background{ background-color:#339FA8 }
```

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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