

# Converting Colors

Hex(39F8F9)

Have a look what the booklet for  
Hex(39F8F9) contains.

<b>Hex(39F8F9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(39F8F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39F8F9
RGB	57, 248, 249
RGB Percent	22%, 97%, 98%
CMY	0.7765, 0.0275, 0.0235
CMYK	0.77, 0.00, 0.00, 0.02
HSL	180°, 94%, 60%
HSV	180°, 77%, 98%
XYZ	52.3536, 74.8442, 101.3096
YIQ	191.0050, -114.1570, -40.1810

# Conversions

## Conversions Part 2

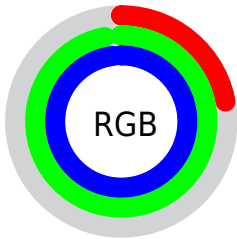
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	57, 153, 249
Decimal	3799289
CIE Lab	89.32, -44.10, -13.66
CIE LCh	89, 46.170, 197.216
Yxy	74.8442, 0.2291, 0.3275
Android (android.graphics.Color)	4281989369 (0xFF39F8F9)
YUV	191.0050, 28.5915, -117.5224
Hunter-Lab	86.5126, -43.3765, -8.8721

# Details

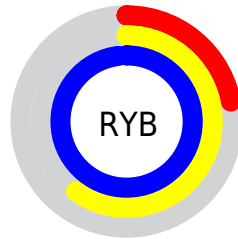
The Hex color **39F8F9** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **F93A39**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **88FFFF**, and **00BFC1** is the 20% darker color. If you saturate the color by 10%, you get **20F8F9**, and if you desaturate by 10%, it is **52F8F9**.

# Distribution



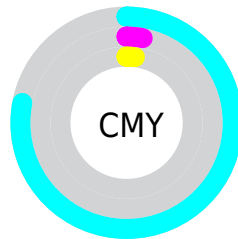
- Red (22%)
- Green (97%)
- Blue (98%)



- Red (22%)
- Yellow (60%)
- Blue (98%)



- Cyan (77%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (78%)
- Magenta (3%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39F8F9 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 39F8F9 by changing the saturation by 10% instead.



 39F8F9

 39F8F9

FFFFFF

 00DBDC

 88FFFF

 00BFC1

 AAFFFF

 00A3A6

 CAFFFF

 00888B

 EAFFFF

 006E72

 005559

 003D42

 00272C

 000118

 39F8F9

 39F8F9

 20F8F9

 52F8F9

 07F8F9

 6BF8F9

 00F8F9

 84F8F9

 9DF9F9

 B5F9F9

 CEF9F9

 E7F9F9

 FFF9F9

# Harmonies

## Analogous

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



7AF7CB



39F8F9



31F4FF

# Triad

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



39F8F9



FFCCFF



FFD78A

# Complementary

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



39F8F9



F93A39

# 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.



FFC8A2



39F8F9



FFC0F5

# Square

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



39F8F9



CADCFF



FFBFC9



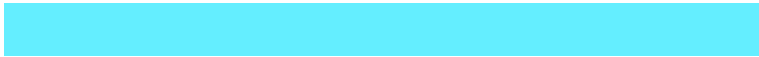
E4E68B

# Rectangle

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



39F8F9



64EEFF



FFBFC9



FFD290

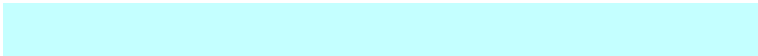


# Sweetspot

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



39F8F9



C4FFFF



39F939



5C7F80



000000



808080



# Same Dimension

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



39F8F9



12FEFF



3999F9



707D7D



00BCBD



003D3D



# Inverse Universe

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



F939F8



FF12FE



F99939



7D707D



BD00BC

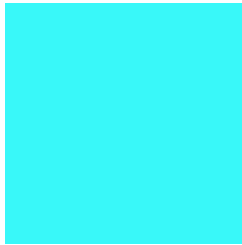


3D003D



# Previews

## White Background



This preview shows how the Hex color 39F8F9 looks on a white background.

## Color Contrast Check

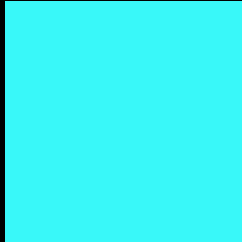
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 39F8F9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

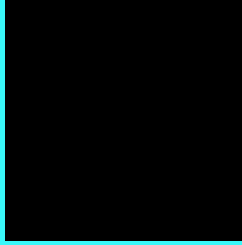
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 39F8F9 Background



This preview shows how black text looks on a background with the Hex color 39F8F9.

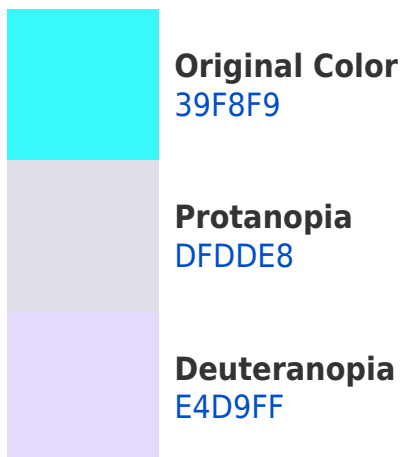


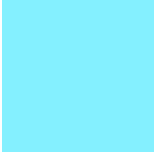
This preview shows how white text looks on a background with the Hex color 39F8F9.

# 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**  
84F0FF

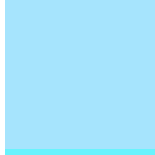
# Trichromacy



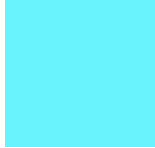
**Original Color**  
39F8F9



**Protanomaly**  
A3E7EE



**Deuteranomaly**  
A6E4FD

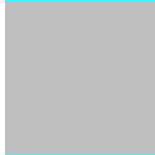


**Tritanomaly**  
69F3FD

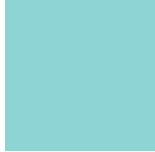
# Monochromacy



**Original Color**  
39F8F9



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
8ED4D4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39F8F9 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 #39F8F9 looks like.

```
.text, #text, p{  
    color:#39F8F9  
}
```

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 #39F8F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39F8F9
}
```

## Border

The CSS property to change the border of an element to Hex 39F8F9 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
#39F8F9 }
```

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

```
.border{ border-color:#39F8F9 }
```

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

Here you see how a box with a 4 pixel #39F8F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39F8F9; -webkit-box-shadow:4px 4px  
4px 4px #39F8F9; box-shadow:4px 4px 4px  
4px #39F8F9 }
```

# Background

The CSS property to change the background color of an element to Hex 39F8F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39F8F9 }
```

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

```
.background{ background-color:#39F8F9 }
```

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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