

# Converting Colors

Hex(63F9F9)

Have a look what the booklet for  
Hex(63F9F9) contains.

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# **Color**

**Hex(63F9F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63F9F9
RGB	99, 249, 249
RGB Percent	39%, 98%, 98%
CMY	0.6118, 0.0235, 0.0235
CMYK	0.60, 0.00, 0.00, 0.02
HSL	180°, 93%, 68%
HSV	180°, 60%, 98%
XYZ	56.1202, 77.2436, 101.5742
YIQ	204.1500, -89.4000, -31.8000

# Conversions

## Conversions Part 2

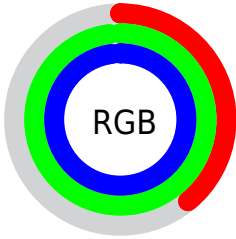
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	99, 174, 249
Decimal	6552057
CIE Lab	90.43, -39.30, -11.91
CIE LCh	90, 41.066, 196.866
Yxy	77.2436, 0.2389, 0.3288
Android (android.graphics.Color)	4284742137 (0xFF63F9F9)
YUV	204.1500, 22.1111, -92.2165
Hunter-Lab	87.8883, -39.8253, -7.0007

# Details

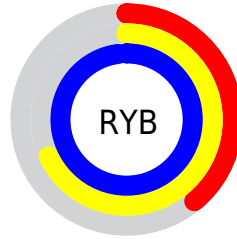
The Hex color **63F9F9** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F96363**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **A4FFFF**, and **00C0C1** is the 20% darker color. If you saturate the color by 10%, you get **4AF9F9**, and if you desaturate by 10%, it is **7CF9F9**.

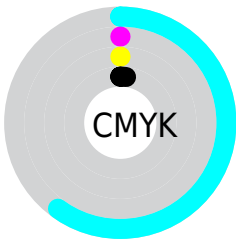
# Distribution



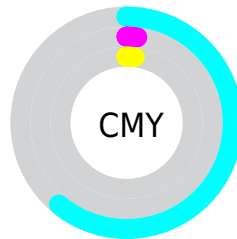
- Red (39%)
- Green (98%)
- Blue (98%)



- Red (39%)
- Yellow (68%)
- Blue (98%)



- Cyan (60%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (61%)
- Magenta (2%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63F9F9 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 63F9F9 by changing the saturation by 10% instead.



 63F9F9

 63F9F9

FFFFFF

 3DDCDC

 A4FFFF

 00C0C1

 C3FFFF

 00A4A6

 E2FFFF

 008A8B

 007072

 005659

 003E42

 00292C

 000418

 63F9F9

 63F9F9

 4AF9F9

 7CF9F9

 31F9F9

 95F9F9

 18F9F9

 AEF9F9

 00F9F9

 C7F9F9

 E0F9F9

 F8F9F9

 FFF9F9

# Harmonies

## Analogous

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



8CF8D0



63F9F9



62F5FF

# Triad

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



63F9F9



FFD2FF



FFDB97

# Complementary

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



63F9F9



F96363

# 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.



FFCEAC



63F9F9



FFC8F7

# Square

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



63F9F9



D0E0FF



FFC6CF



E8E897

# Rectangle

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



63F9F9



80F0FF



FFC6CF



FFD79C



# Sweetspot

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



63F9F9



D1FFFF



63F963



638080



000000



808080



# Same Dimension

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



63F9F9



47FFFF



63AEF9



707D7D



00BDBD



003D3D



# Inverse Universe

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



F963F9



FF47FF



F9AE63



7D707D



BD00BD

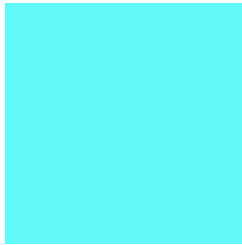


3D003D



# Previews

## White Background



This preview shows how the Hex color 63F9F9 looks on a white background.

## Color Contrast Check

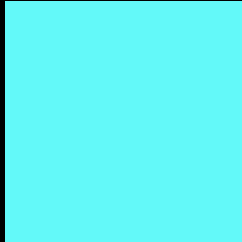
Large Text (above 18pt) WCAG AA × Fail

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 63F9F9 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 63F9F9 Background



This preview shows how black text looks on a background with the Hex color 63F9F9.

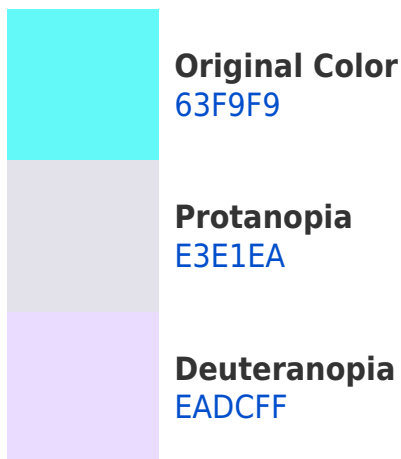


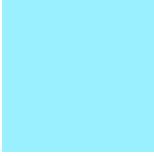
This preview shows how white text looks on a background with the Hex color 63F9F9.

# 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**  
9BF0FF

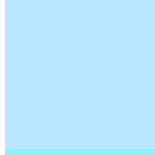
# Trichromacy



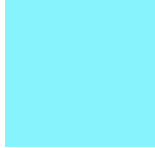
**Original Color**  
63F9F9



**Protanomaly**  
B4EAEF



**Deuteranomaly**  
B9E7FD

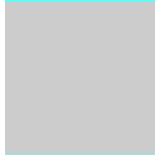


**Tritanomaly**  
87F3FD

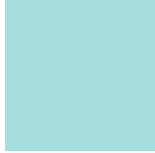
# Monochromacy



**Original Color**  
63F9F9



**Achromatopsia**  
CCCCCC



**Achromatomaly**  
A6DCDC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63F9F9 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 #63F9F9 looks like.

```
.text, #text, p{  
    color:#63F9F9  
}
```

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 #63F9F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63F9F9
}
```

## Border

The CSS property to change the border of an element to Hex 63F9F9 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
#63F9F9 }
```

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

```
.border{ border-color:#63F9F9 }
```

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

Here you see how a box with a 4 pixel #63F9F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63F9F9; -webkit-box-shadow:4px 4px  
4px 4px #63F9F9; box-shadow:4px 4px 4px  
4px #63F9F9 }
```

# Background

The CSS property to change the background color of an element to Hex 63F9F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63F9F9 }
```

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

```
.background{ background-color:#63F9F9 }
```

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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