

# Converting Colors

Hex(66FFF9)

Have a look what the booklet for  
Hex(66FFF9) contains.

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# **Color**

**Hex(66FFF9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66FFF9
RGB	102, 255, 249
RGB Percent	40%, 100%, 98%
CMY	0.6000, 0.0000, 0.0235
CMYK	0.60, 0.00, 0.02, 0.00
HSL	178°, 100%, 70%
HSV	178°, 60%, 100%
XYZ	58.3384, 81.1843, 102.2179
YIQ	208.5690, -89.2620, -34.3020

# Conversions

## Conversions Part 2

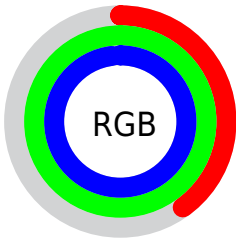
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 180, 255
Decimal	6750201
CIELab	92.21, -41.52, -9.26
CIELCh	92, 42.536, 192.570
Yxy	81.1843, 0.2413, 0.3358
Android (android.graphics.Color)	4284940281 (0xFF66FFF9)
YUV	208.5690, 19.9325, -93.4610
Hunter-Lab	90.1023, -42.1061, -4.1908

# Details

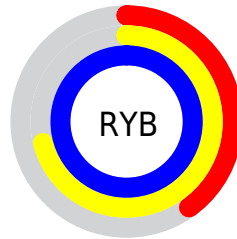
The Hex color **66FFF9** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FF666C**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **A7FFFF**, and **00C6C1** is the 20% darker color. If you saturate the color by 10%, you get **4DFFF8**, and if you desaturate by 10%, it is **80FFFA**.

# Distribution



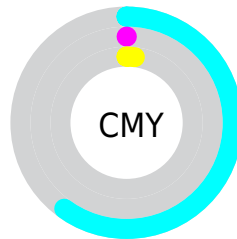
- Red (40%)
- Green (100%)
- Blue (98%)



- Red (40%)
- Yellow (71%)
- Blue (100%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 66FFF9 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 66FFF9 by changing the saturation by 10% instead.



 66FFF9

FFFFFF

 A7FFFF

 C6FFFF

 E5FFFF

 66FFF9

 40E2DC

 00C6C1

 00AAA6

 008F8B

 007572

 005B59

 004342

 002C2C

 000F18

 66FFF9

 66FFF9

 4DFFF8

 80FFFA

 33FFF7

 99FFFB

 19FFF6

 B3FFFC

 00FFF5

 CCFFFD

 E6FFFE

FFFFFF

# Harmonies

## Analogous

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



95FDCF



66FFF9



5BFCFF

# Triad

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



66FFF9



FFD8FF



FFDE9B

# Complementary

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



66FFF9



FF666C

# 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.



FFD1B3



66FFF9



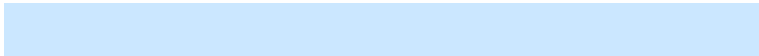
FFCDFF

# Square

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



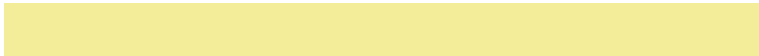
66FFF9



CBE7FF



FFCAD9



F3EC98

# Rectangle

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



66FFF9



77F7FF



FFCAD9



FFD9A1



# Sweetspot

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



66FFF9



D1FFFD



6EFF66



63807E



000000



808080



# Same Dimension

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



66FFF9



47FFF8



66BAFF



73807F



00BFB8



00403D



# Inverse Universe

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



FF666C



FF474F



FFAB66



807373



BF0008

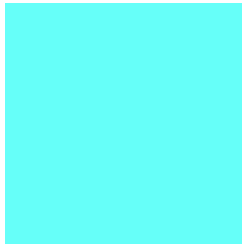


400003



# Previews

## White Background



This preview shows how the Hex color 66FFF9 looks on a white background.

## Color Contrast Check

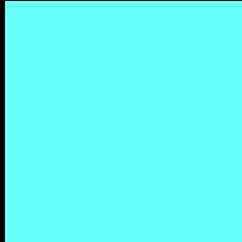
Large Text (above 18pt) WCAG AA × Fail

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 66FFF9 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

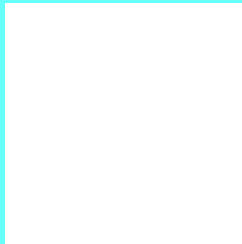
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 66FFF9 Background



This preview shows how black text looks on a background with the Hex color 66FFF9.

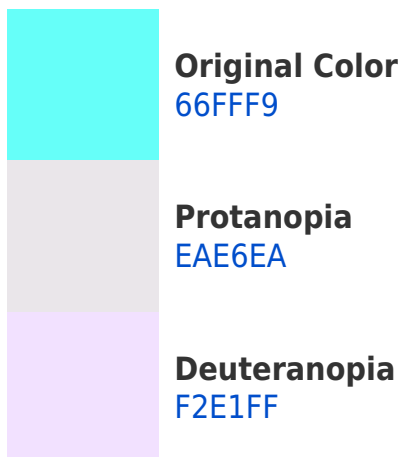


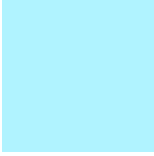
This preview shows how white text looks on a background with the Hex color 66FFF9.

# 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**  
B0F3FF

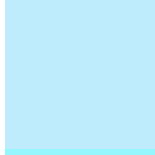
# Trichromacy



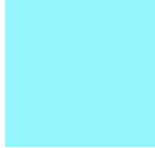
**Original Color**  
66FFF9



**Protanomaly**  
BAEFEF



**Deuteranomaly**  
BFECFD

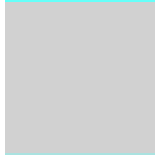


**Tritanomaly**  
95F7FD

# Monochromacy



**Original Color**  
66FFF9



**Achromatopsia**  
D1D1D1



**Achromatomaly**  
AAE2E0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66FFF9 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 #66FFF9 looks like.

```
.text, #text, p{  
    color:#66FFF9  
}
```

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 #66FFF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66FFF9
}
```

## Border

The CSS property to change the border of an element to Hex 66FFF9 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
#66FFF9 }
```

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

```
.border{ border-color:#66FFF9 }
```

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

Here you see how a box with a 4 pixel #66FFF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66FFF9; -webkit-box-shadow:4px 4px  
4px 4px #66FFF9; box-shadow:4px 4px 4px  
4px #66FFF9 }
```

# Background

The CSS property to change the background color of an element to Hex 66FFF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66FFF9 }
```

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

```
.background{ background-color:#66FFF9 }
```

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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