

Converting Colors

Hex(96D9F9)

Have a look what the booklet for
Hex(96D9F9) contains.

Hex(96D9F9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(96D9F9)

Conversions

Conversions Part 1

Format	Color
Hex	96D9F9
RGB	150, 217, 249
RGB Percent	59%, 85%, 98%
CMY	0.4118, 0.1490, 0.0235
CMYK	0.40, 0.13, 0.00, 0.02
HSL	199°, 89%, 78%
HSV	199°, 40%, 98%
XYZ	54.4894, 62.9493, 98.9011
YIQ	200.6150, -50.2040, -4.2520

Conversions

Conversions Part 2

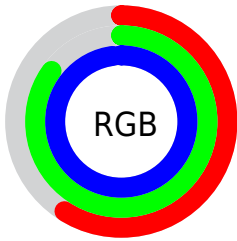
Format	Color
RYB	150, 190, 249
Decimal	9886201
CIELab	83.42, -13.15, -22.29
CIELCh	83, 25.877, 239.451
Yxy	62.9493, 0.2519, 0.2910
Android (android.graphics.Color)	4288076281 (0xFF96D9F9)
YUV	200.6150, 23.8538, -44.3894
Hunter-Lab	79.3406, -16.2561, -18.3688

Details

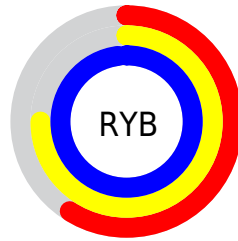
The Hex color **96D9F9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F9B696**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **CFFFFFF**, and **5EA2C1** is the 20% darker color. If you saturate the color by 10%, you get **7DD1F9**, and if you desaturate by 10%, it is **AFE1F9**.

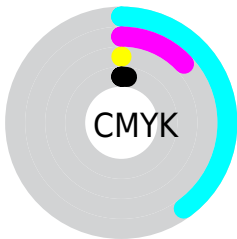
Distribution



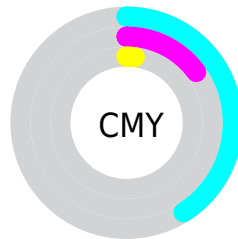
- Red (59%)
- Green (85%)
- Blue (98%)



- Red (59%)
- Yellow (75%)
- Blue (98%)



- Cyan (40%)
- Magenta (13%)
- Yellow (0%)
- Black (2%)



- Cyan (41%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96D9F9 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 96D9F9 by changing the saturation by 10% instead.

 96D9F9

 96D9F9

FFFFFF


 7ABDDC

 CFFFFFF

 5EA2C1

 EDFFFF

 4188A5

 216E8B

 005671

 003F59

 002941

 00152B

 000116

■ 96D9F9

■ 96D9F9

■ 7DD1F9

■ AFE1F9

■ 64C9F9

■ C8E9F9

■ 4BC1F9

■ E1F1F9

■ 32B9F9

■ FAF9F9

■ 19B1F9

■ FFFF9

■ 01A9F9

■ 00A9F9

Harmonies

Analogous

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



8BDDE7



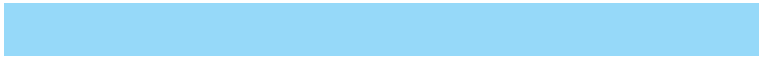
96D9F9



B2D2FF

Triad

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



96D9F9



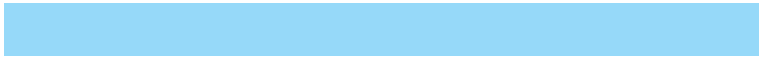
FFBFD1



C8D6A5

Complementary

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



96D9F9



F9B696

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.



E3CE9F



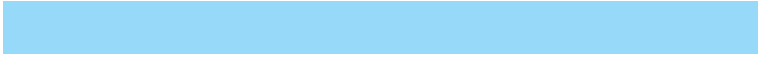
96D9F9



FFC0B9

Square

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



96D9F9



EFC2E9



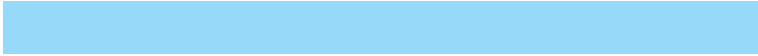
F7C6A7



ADDDB6

Rectangle

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



96D9F9



C9CDFE



F7C6A7



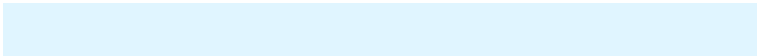
D1D3A2

Sweetspot

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



96D9F9



E0F5FF



96F9B5



6E7A80



000000



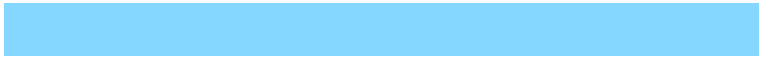
808080

Same Dimension

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



96D9F9



85D7FF



96A8F9



70797D



0080BD



00293D

Inverse Universe

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



F996D9



FF85D7



F9E796



7D7079



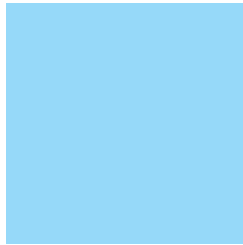
BD0080



3D0029

Previews

White Background



This preview shows how the Hex color 96D9F9 looks on a white background.

Color Contrast Check

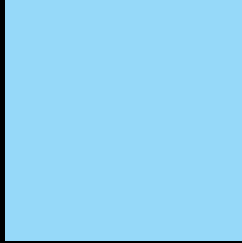
Large Text (above 18pt) WCAG AA × Fail

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 96D9F9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

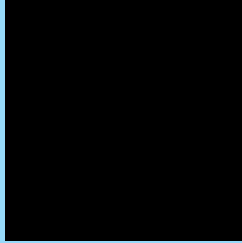
Any Text WCAG AA ✓ Pass

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 96D9F9 Background



This preview shows how black text looks on a background with the Hex color 96D9F9.



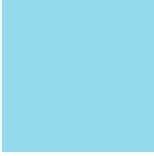
This preview shows how white text looks on a background with the Hex color 96D9F9.

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



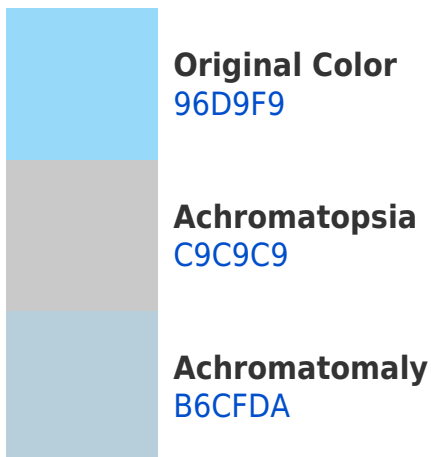


Tritanopia
93DBED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96D9F9 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 #96D9F9 looks like.

```
.text, #text, p{  
    color:#96D9F9  
}
```

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 #96D9F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96D9F9
}
```

Border

The CSS property to change the border of an element to Hex 96D9F9 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
#96D9F9 }
```

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

```
.border{ border-color:#96D9F9 }
```

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

Here you see how a box with a 4 pixel #96D9F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96D9F9; -webkit-box-shadow:4px 4px  
4px 4px #96D9F9; box-shadow:4px 4px 4px  
4px #96D9F9 }
```

Background

The CSS property to change the background color of an element to Hex 96D9F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96D9F9 }
```

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

```
.background{ background-color:#96D9F9 }
```

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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