

Converting Colors

Hex(79E9FF)

Have a look what the booklet for
Hex(79E9FF) contains.

Hex(79E9FF)	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(79E9FF)

Conversions

Conversions Part 1

Format	Color
Hex	79E9FF
RGB	121, 233, 255
RGB Percent	47%, 91%, 100%
CMY	0.5255, 0.0863, 0.0000
CMYK	0.53, 0.09, 0.00, 0.00
HSL	190°, 100%, 74%
HSV	190°, 53%, 100%
XYZ	55.0741, 69.5628, 105.1320
YIQ	202.0200, -73.8140, -16.9020

Conversions

Conversions Part 2

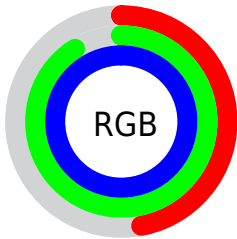
Format	Color
R _Y B	121, 182, 255
Decimal	7989759
CIE Lab	86.78, -26.18, -20.47
CIE LCh	87, 33.232, 218.014
Yxy	69.5628, 0.2397, 0.3028
Android (android.graphics.Color)	4286179839 (0xFF79E9FF)
YUV	202.0200, 26.1191, -71.0545
Hunter-Lab	83.4043, -28.0892, -16.3527

Details

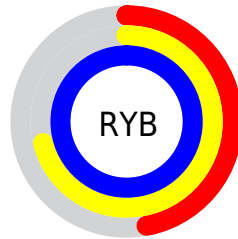
The Hex color **79E9FF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF8F79**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **B5FFFF**, and **36B1C6** is the 20% darker color. If you saturate the color by 10%, you get **60E5FF**, and if you desaturate by 10%, it is **93EDFF**.

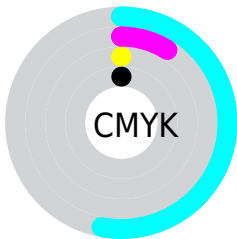
Distribution



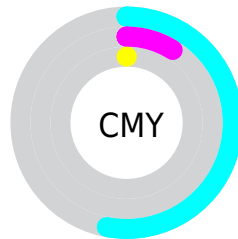
- Red (47%)
- Green (91%)
- Blue (100%)



- Red (47%)
- Yellow (71%)
- Blue (100%)



- Cyan (53%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79E9FF 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 79E9FF by changing the saturation by 10% instead.

 79E9FF

 79E9FF

FFFFFF

 5ACDE2

 B5FFFF

 36B1C6

 D4FFFF

 0096AB

 F2FFFF

 007C90

 006377

 004B5E

 003346

 002030

 00011B

 79E9FF

 79E9FF

 60E5FF

 93EDFF

 46E1FF

 ACF1FF

 2CDCFF

 C5F6FF

 13D8FF

 DFFAFF

 00D5FF

 F9FEFF

 FFFFFFFF

Harmonies

Analogous

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



82EBE1



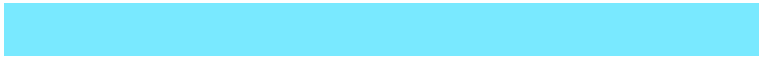
79E9FF



92E3FF

Triad

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



79E9FF



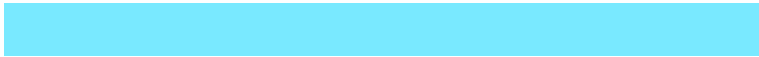
FFC5F2



E7DA9B

Complementary

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



79E9FF



FF8F79

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.



FFCFA0



79E9FF



FFC2D2

Square

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



79E9FF



E9CEFF



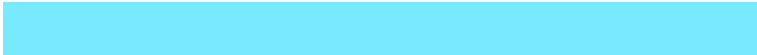
FFC6B4



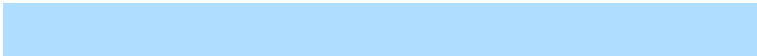
C5E3A7

Rectangle

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



79E9FF



AEDDFF



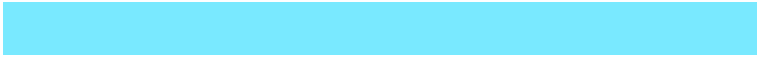
FFC6B4



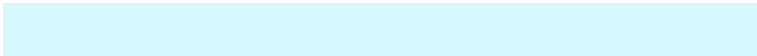
F2D79A

Sweetspot

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



79E9FF



D6F8FF



79FF8D



677C80



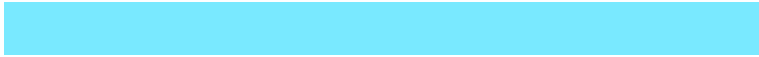
000000



808080

Same Dimension

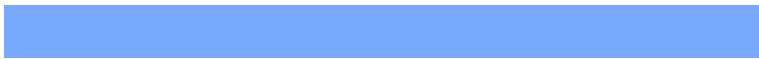
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79E9FF



5EE5FF



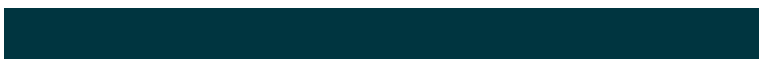
79A8FF



737D80



00A0BF



003540

Inverse Universe

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



FF79E9



FF5EE5



FFD079



80737D



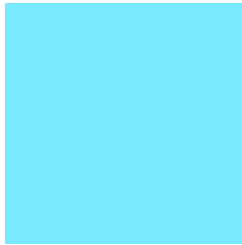
BF00A0



400035

Previews

White Background



This preview shows how the Hex color 79E9FF looks on a white background.

Color Contrast Check

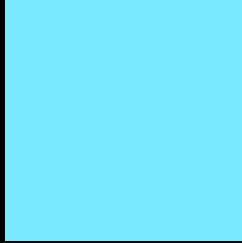
Large Text (above 18pt) WCAG AA × Fail

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 79E9FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

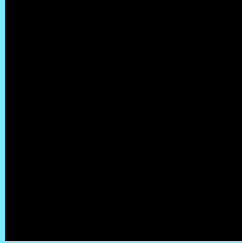
Any Text WCAG AA ✓ Pass

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 79E9FF Background



This preview shows how black text looks on a background with the Hex color 79E9FF.

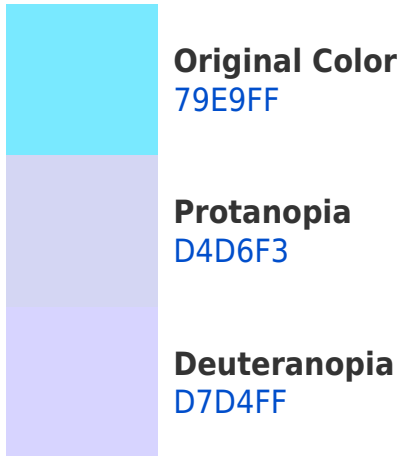


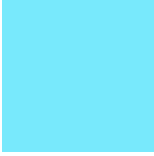
This preview shows how white text looks on a background with the Hex color 79E9FF.

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
78E9FC

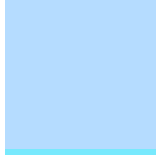
Trichromacy



Original Color
79E9FF



Protanomaly
B3DDF7



Deuteranomaly
B5DCFF

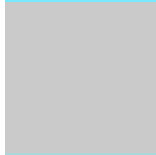


Tritanomaly
78E9FD

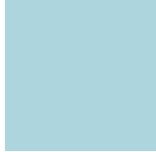
Monochromacy



Original Color
79E9FF



Achromatopsia
CACACA



Achromatomaly
ADD5DD

CSS Examples

Text

The CSS property to change the color of the text to Hex 79E9FF 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 #79E9FF looks like.

```
.text, #text, p{  
    color:#79E9FF  
}
```

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 #79E9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79E9FF
}
```

Border

The CSS property to change the border of an element to Hex 79E9FF 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
#79E9FF }
```

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

```
.border{ border-color:#79E9FF }
```

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

Here you see how a box with a 4 pixel #79E9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79E9FF; -webkit-box-shadow:4px 4px  
4px 4px #79E9FF; box-shadow:4px 4px 4px  
4px #79E9FF }
```

Background

The CSS property to change the background color of an element to Hex 79E9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79E9FF }
```

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

```
.background{ background-color:#79E9FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor