

Converting Colors

Hex(27E9FD)

Have a look what the booklet for
Hex(27E9FD) contains.

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Color

Hex(27E9FD)

Conversions

Conversions Part 1

Format	Color
Hex	27E9FD
RGB	39, 233, 253
RGB Percent	15%, 91%, 99%
CMY	0.8471, 0.0863, 0.0078
CMYK	0.85, 0.08, 0.00, 0.01
HSL	186°, 98%, 57%
HSV	186°, 85%, 99%
XYZ	47.7052, 65.8010, 103.1150
YIQ	177.2740, -122.0440, -34.9080

Conversions

Conversions Part 2

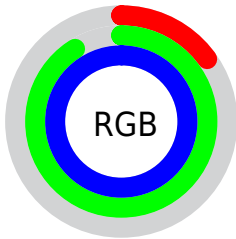
Format	Color
R _Y B	39, 141, 253
Decimal	2615805
CIE Lab	84.89, -37.54, -22.45
CIE LCh	85, 43.736, 210.881
Yxy	65.8010, 0.2202, 0.3038
Android (android.graphics.Color)	4280805885 (0xFF27E9FD)
YUV	177.2740, 37.3329, -121.2663
Hunter-Lab	81.1178, -36.9807, -18.5856

Details

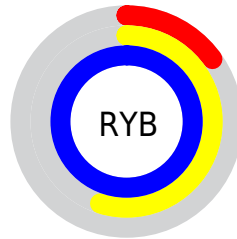
The Hex color **27E9FD** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FD3B27**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **7FFFFFFF**, and **00B1C4** is the 20% darker color. If you saturate the color by 10%, you get **0EE7FD**, and if you desaturate by 10%, it is **40EBFD**.

Distribution



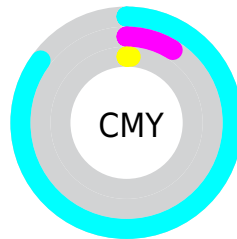
- Red (15%)
- Green (91%)
- Blue (99%)



- Red (15%)
- Yellow (55%)
- Blue (99%)



- Cyan (85%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (85%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27E9FD 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 27E9FD by changing the saturation by 10% instead.

 27E9FD

 27E9FD

FFFFFF

 00CDE0

 7FFFFFFF

 00B1C4

 A1FFFF

 0096A9

 C1FFFF

 007B8F

 E2FFFF

 006275

 00495C

 003245

 001C2E

 00011A

■ 27E9FD

■ 27E9FD

■ 0EE7FD

■ 40EBFD

■ 00E5FD

■ 5AEEFD

■ 73F0FD

■ 8CF2FD

■ A6F5FD

■ BFF7FD

■ D8FAFD

■ F1FCFD

■ FFFEFD

Harmonies

Analogous

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



5AEAD4



27E9FD



52E3FF

Triad

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



27E9FD



FFBBFD



EED281

Complementary

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



27E9FD



FD3B27

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.



FFC48D



27E9FD



FFB4D4

Square

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



27E9FD



DAC9FF



FFB8AC



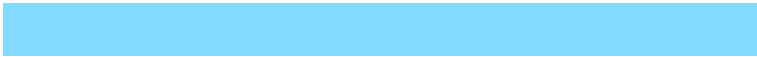
C3DE8C

Rectangle

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



27E9FD



83DCFF



FFB8AC



FBCD82

Sweetspot

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



27E9FD



BFF9FF



27FD39



597C80



000000



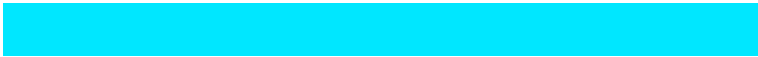
808080

Same Dimension

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



27E9FD



00E7FF



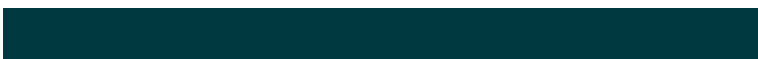
2780FD



737E80



00ADBFB



003A40

Inverse Universe

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



FD27E9



FF00E7



FDA427



80737E



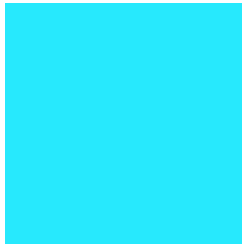
BF00AD



40003A

Previews

White Background



This preview shows how the Hex color 27E9FD looks on a white background.

Color Contrast Check

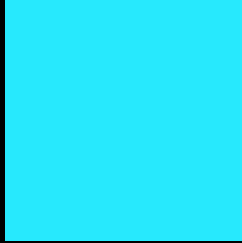
Large Text (above 18pt) WCAG AA × Fail

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 27E9FD 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 27E9FD Background



This preview shows how black text looks on a background with the Hex color 27E9FD.

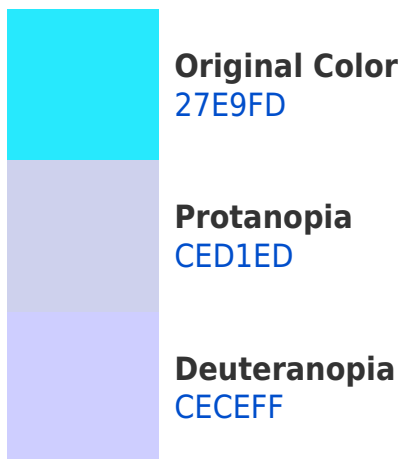


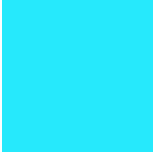
This preview shows how white text looks on a background with the Hex color 27E9FD.

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



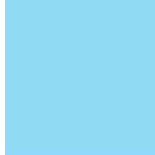


Tritanopia
26E9FC

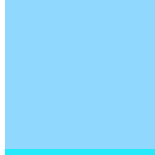
Trichromacy



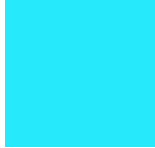
Original Color
27E9FD



Protanomaly
91DAF3



Deuteranomaly
91D8FE

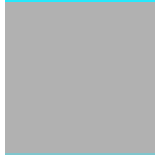


Tritanomaly
26E9FC

Monochromacy



Original Color
27E9FD



Achromatopsia
B1B1B1



Achromatomaly
7FC5CD

CSS Examples

Text

The CSS property to change the color of the text to Hex 27E9FD 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 #27E9FD looks like.

```
.text, #text, p{  
    color:#27E9FD  
}
```

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 #27E9FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27E9FD
}
```

Border

The CSS property to change the border of an element to Hex 27E9FD 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
#27E9FD }
```

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

```
.border{ border-color:#27E9FD }
```

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

Here you see how a box with a 4 pixel #27E9FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27E9FD; -webkit-box-shadow:4px 4px  
4px 4px #27E9FD; box-shadow:4px 4px 4px  
4px #27E9FD }
```

Background

The CSS property to change the background color of an element to Hex 27E9FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27E9FD }
```

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

```
.background{ background-color:#27E9FD }
```

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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