

Converting Colors

Hex(27E8FA)

Have a look what the booklet for
Hex(27E8FA) contains.

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Color

Hex(27E8FA)

Conversions

Conversions Part 1

Format	Color
Hex	27E8FA
RGB	39, 232, 250
RGB Percent	15%, 91%, 98%
CMY	0.8471, 0.0902, 0.0196
CMYK	0.84, 0.07, 0.00, 0.02
HSL	185°, 95%, 57%
HSV	185°, 84%, 98%
XYZ	46.9486, 65.0467, 100.5233
YIQ	176.3450, -120.8060, -35.3180

Conversions

Conversions Part 2

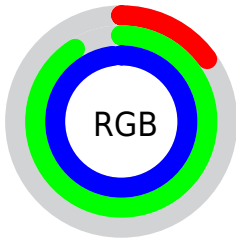
Format	Color
R_{YB}	39, 140, 250
Decimal	2615546
CIE _{Lab}	84.51, -37.98, -21.46
CIE _{LCh}	85, 43.621, 209.463
Yxy	65.0467, 0.2209, 0.3061
Android (android.graphics.Color)	4280805626 (0xFF27E8FA)
YUV	176.3450, 36.3119, -120.4516
Hunter-Lab	80.6515, -37.2323, -17.4424

Details

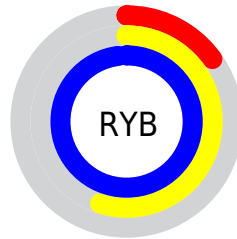
The Hex color **27E8FA** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FA3927**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **7EFFFF**, and **00B0C2** is the 20% darker color. If you saturate the color by 10%, you get **0EE6FA**, and if you desaturate by 10%, it is **40EAFA**.

Distribution



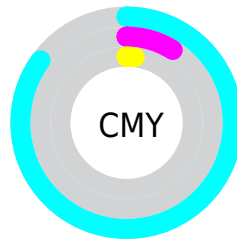
- Red (15%)
- Green (91%)
- Blue (98%)



- Red (15%)
- Yellow (55%)
- Blue (98%)



- Cyan (84%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (85%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27E8FA 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 27E8FA by changing the saturation by 10% instead.

 27E8FA

 27E8FA


FFFFFF

 00CCDD

 7EFFFF

 00B0C2

 A0FFFF

 0095A6

 C1FFFF

 007A8C

 E1FFFF

 006172

 00485A

 003142

 001A2C

 000118

 27E8FA

 27E8FA

 0EE6FA

 40EAFA

 00E5FA

 59ECFA

 72EEFA

 8BF1FA

 A4F3FA

 BDF5FA

 D6F7FA

 EFF9FA

 FFFBFA

Harmonies

Analogous

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



5CE9D1



27E8FA



4EE2FF

Triad

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



27E8FA



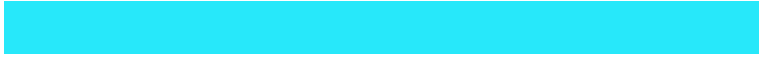
FFBAFD



EFD080

Complementary

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



27E8FA



FA3927

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.



FFC28D



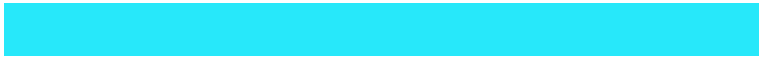
27E8FA



FFB3D5

Square

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



27E8FA



D7C9FF



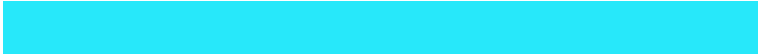
FFB6AC



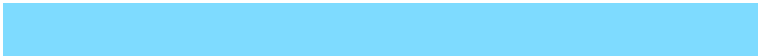
C4DD8A

Rectangle

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



27E8FA



7EDBFF



FFB6AC



FBCB82

Sweetspot

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



27E8FA



BFFAFF



27FA39



597C80



000000



808080

Same Dimension

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



27E8FA



00E9FF



277FFA



707C7D



00ADB8



00383D

Inverse Universe

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



FA27E8



FF00E9



FAA227



7D707C



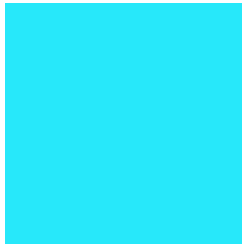
BD00AD



3D0038

Previews

White Background



This preview shows how the Hex color 27E8FA looks on a white background.

Color Contrast Check

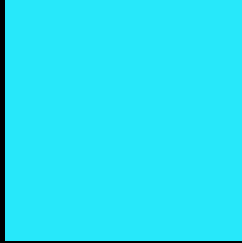
Large Text (above 18pt) WCAG AA × Fail

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 27E8FA 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 27E8FA Background



This preview shows how black text looks on a background with the Hex color 27E8FA.

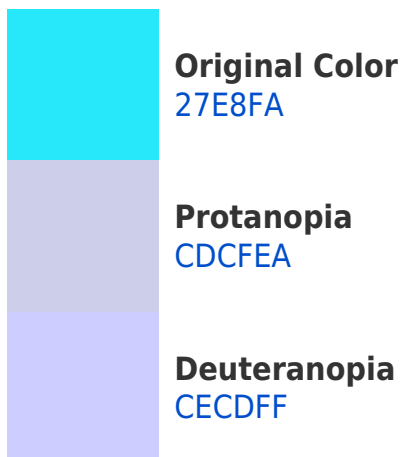


This preview shows how white text looks on a background with the Hex color 27E8FA.

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



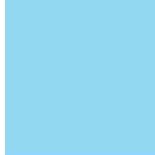


Tritanopia
28E8FB

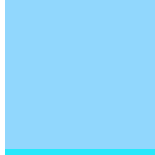
Trichromacy



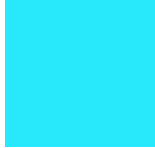
Original Color
27E8FA



Protanomaly
91D8F0



Deuteranomaly
91D7FD



Tritanomaly
28E8FB

Monochromacy



Original Color
27E8FA



Achromatopsia
B0B0B0



Achromatomaly
7EC4CB

CSS Examples

Text

The CSS property to change the color of the text to Hex 27E8FA 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 #27E8FA looks like.

```
.text, #text, p{  
    color:#27E8FA  
}
```

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 #27E8FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27E8FA
}
```

Border

The CSS property to change the border of an element to Hex 27E8FA 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
#27E8FA }
```

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

```
.border{ border-color:#27E8FA }
```

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

Here you see how a box with a 4 pixel #27E8FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27E8FA; -webkit-box-shadow:4px 4px  
4px 4px #27E8FA; box-shadow:4px 4px 4px  
4px #27E8FA }
```

Background

The CSS property to change the background color of an element to Hex 27E8FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27E8FA }
```

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

```
.background{ background-color:#27E8FA }
```

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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