

Converting Colors

Hex(27FBFB)

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

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Color

Hex(27FBFB)

Conversions

Conversions Part 1

Format	Color
Hex	27FBFB
RGB	39, 251, 251
RGB Percent	15%, 98%, 98%
CMY	0.8471, 0.0157, 0.0157
CMYK	0.84, 0.00, 0.00, 0.02
HSL	180°, 96%, 57%
HSV	180°, 84%, 98%
XYZ	52.7465, 76.3907, 103.2316
YIQ	187.6120, -126.3520, -44.9440

Conversions

Conversions Part 2

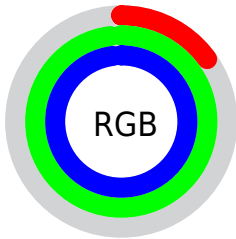
Format	Color
RYB	39, 145, 251
Decimal	2620411
CIELab	90.04, -46.18, -13.65
CIElCh	90, 48.159, 196.465
Yxy	76.3907, 0.2270, 0.3287
Android (android.graphics.Color)	4280810491 (0xFF27FBFB)
YUV	187.6120, 31.2503, -130.3327
Hunter-Lab	87.4018, -45.2294, -8.8471

Details

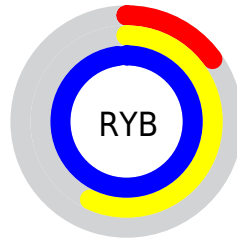
The Hex color **27FBFB** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FB2727**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **81FFFF**, and **00C2C3** is the 20% darker color. If you saturate the color by 10%, you get **0EFBFB**, and if you desaturate by 10%, it is **40FBFB**.

Distribution



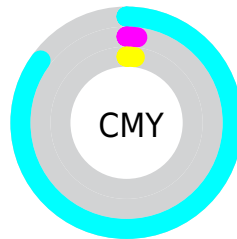
- Red (15%)
- Green (98%)
- Blue (98%)



- Red (15%)
- Yellow (57%)
- Blue (98%)



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



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

Brightness & Saturation Gradients

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

 27FBFB

 27FBFB

FFFFFF

 00DEDE

 81FFFF

 00C2C3

 A3FFFF

 00A6A7

 C4FFFF

 008B8D

 E5FFFF

 007174

 00575B

 003F44

 00292D

 00021A

 27FBFB

 27FBFB

 0EFBFB

 40FBFB

 00FBFB

 59FBFB

 72FBFB

 8BFBFB

 A5FBFB

 BEFBFB

 D7FBFB

 F0FBFB

 FFBFBFB

Harmonies

Analogous

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



77FACB



27FBFB



07F7FF

Triad

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



27FBFB



FFCDDF



FFD989

Complementary

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



27FBFB



FB2727

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.



FFC9A2



27FBFB



FFC1F9

Square

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



27FBFB



C8DEFF



FFBFCB



E7E888

Rectangle

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



27FBFB



59F1FF



FFBFCB



FFD38F

Sweetspot

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



27FBFB



BFFFFFF



27FB27



598080



000000



808080

Same Dimension

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



27FBFB



00FFFF



2791FB



707D7D



00BDBD



003D3D

Inverse Universe

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



FB27FB



FF00FF



FB9127



7D707D



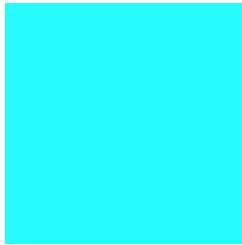
BD00BD



3D003D

Previews

White Background



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

Color Contrast Check

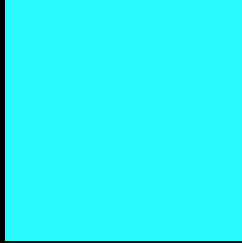
Large Text (above 18pt) WCAG AA × Fail

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 27FBFB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

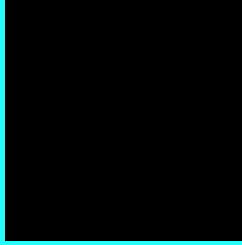
Any Text WCAG AA ✓ Pass

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 27FBFB Background



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

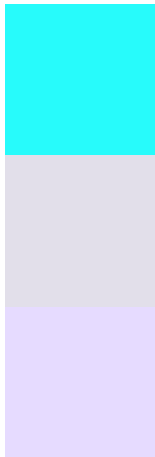


This preview shows how white text looks on a background with the Hex color 27FBFB.

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](#).

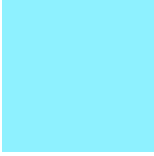
Dichromacy



Original Color
27FBFB

Protanopia
E2DFEA

Deuteranopia
E6DBFF

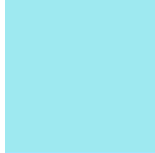


Tritanopia
8EF1FF

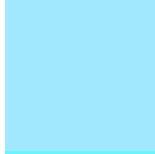
Trichromacy



Original Color
27FBFB



Protanomaly
9EE9F0



Deuteranomaly
A1E7FE

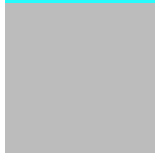


Tritanomaly
69F5FE

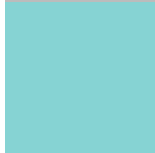
Monochromacy



Original Color
27FBFB



Achromatopsia
BCBCBC



Achromatomaly
86D3D3

CSS Examples

Text

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

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

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 #27FBFB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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