

Converting Colors

Hex(27FFF3)

Have a look what the booklet for
Hex(27FFF3) contains.

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Color

Hex(27FFF3)

Conversions

Conversions Part 1

Format	Color
Hex	27FFF3
RGB	39, 255, 243
RGB Percent	15%, 100%, 95%
CMY	0.8471, 0.0000, 0.0471
CMYK	0.85, 0.00, 0.05, 0.00
HSL	177°, 100%, 58%
HSV	177°, 85%, 100%
XYZ	52.7744, 78.4224, 97.1496
YIQ	189.0480, -124.8840, -49.5240

Conversions

Conversions Part 2

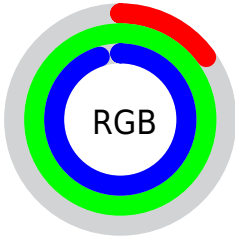
Format	Color
R_{YB}	39, 150, 255
Decimal	2621427
CIE _{Lab}	90.97, -50.13, -8.11
CIE _{LCh}	91, 50.780, 189.186
Yxy	78.4224, 0.2311, 0.3434
Android (android.graphics.Color)	4280811507 (0xFF27FFF3)
YUV	189.0480, 26.5983, -131.5921
Hunter-Lab	88.5564, -48.5984, -3.0538

Details

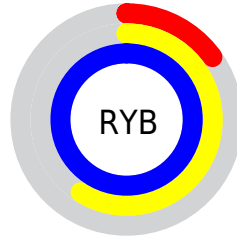
The Hex color **27FFF3** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF2733**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **81FFFF**, and **00C5BB** is the 20% darker color. If you saturate the color by 10%, you get **0EFFF2**, and if you desaturate by 10%, it is **41FFF4**.

Distribution



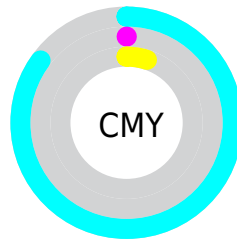
- Red (15%)
- Green (100%)
- Blue (95%)



- Red (15%)
- Yellow (59%)
- Blue (100%)



- Cyan (85%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (85%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27FFF3 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 27FFF3 by changing the saturation by 10% instead.

 27FFF3

 27FFF3

FFFFFF

 00E2D7

 81FFFF

 00C5BB

 A3FFFF

 00A9A0

 C4FFFF

 008E86

 E4FFFF

 00746D

 005A54

 00413D

 002B28

 000814

■ 27FFF3

■ 27FFF3

■ 0EFFF2

■ 41FFF4

■ 00FFF1

■ 5AFFF6

■ 74FFF7

■ 8DFFF9

■ A7FFFA

■ C0FFFC

■ DAFFFD

■ F3FFFE

FFFFFF

Harmonies

Analogous

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



83FCC1



27FFF3



00FCFF

Triad

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



27FFF3



FED3FF



FFD68B

Complementary

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



27FFF3



FF2733

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.



FFC6AA



27FFF3



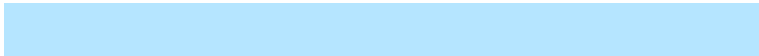
FFC4FF

Square

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



27FFF3



B5E5FF



FFBED8



F6E783

Rectangle

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



27FFF3



26F7FF



FFBED8



FFD193

Sweetspot

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



27FFF3



BFFFFB



35FF27



59807D



000000



808080

Same Dimension

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



27FFF3



00FFF1



27A1FF



73807F



00BFB5



00403C

Inverse Universe

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



FF2733



FF000E



FF8527



807373



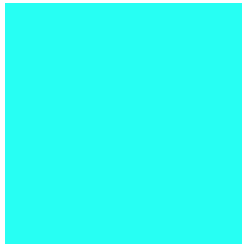
BF000B



400004

Previews

White Background



This preview shows how the Hex color 27FFF3 looks on a white background.

Color Contrast Check

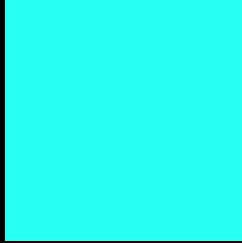
Large Text (above 18pt) WCAG AA × Fail

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 27FFF3 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

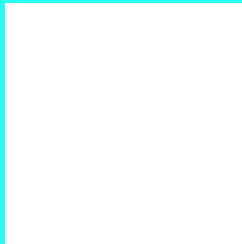
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 27FFF3 Background



This preview shows how black text looks on a background with the Hex color 27FFF3.



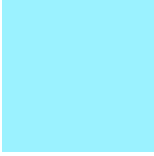
This preview shows how white text looks on a background with the Hex color 27FFF3.

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](#).

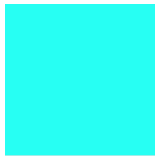
Dichromacy



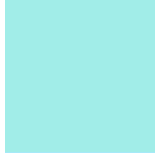


Tritanopia
9BF2FF

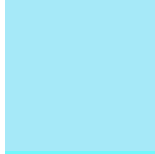
Trichromacy



Original Color
27FFF3



Protanomaly
A1EDE8



Deuteranomaly
A6E9F8

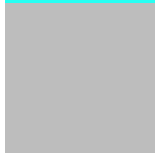


Tritanomaly
71F7FB

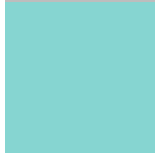
Monochromacy



Original Color
27FFF3



Achromatopsia
BDBDBD



Achromatomaly
86D5D1

CSS Examples

Text

The CSS property to change the color of the text to Hex 27FFF3 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 #27FFF3 looks like.

```
.text, #text, p{  
    color:#27FFF3  
}
```

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 #27FFF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27FFF3  
}
```

Border

The CSS property to change the border of an element to Hex 27FFF3 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  
#27FFF3 }
```

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

```
.border{ border-color:#27FFF3 }
```

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

Here you see how a box with a 4 pixel #27FFF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27FFF3; -webkit-box-shadow:4px 4px  
4px 4px #27FFF3; box-shadow:4px 4px 4px  
4px #27FFF3 }
```

Background

The CSS property to change the background color of an element to Hex 27FFF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27FFF3 }
```

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

```
.background{ background-color:#27FFF3 }
```

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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