

# Converting Colors

Hex(27FFF0)

Have a look what the booklet for  
Hex(27FFF0) contains.

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# **Color**

**Hex(27FFF0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	27FFF0
RGB	39, 255, 240
RGB Percent	15%, 100%, 94%
CMY	0.8471, 0.0000, 0.0588
CMYK	0.85, 0.00, 0.06, 0.00
HSL	176°, 100%, 58%
HSV	176°, 85%, 100%
XYZ	52.3249, 78.2426, 94.7826
YIQ	188.7060, -123.9210, -50.4570

# Conversions

## Conversions Part 2

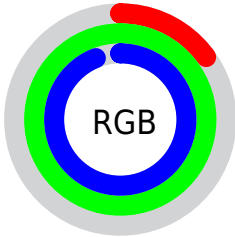
Format	Color
R <sub>Y</sub> B	39, 151, 255
Decimal	2621424
CIE Lab	90.89, -50.95, -6.67
CIE LCh	91, 51.381, 187.460
Yxy	78.2426, 0.2322, 0.3472
Android (android.graphics.Color)	4280811504 (0xFF27FFF0)
YUV	188.7060, 25.2879, -131.2922
Hunter-Lab	88.4549, -49.2055, -1.6130

# Details

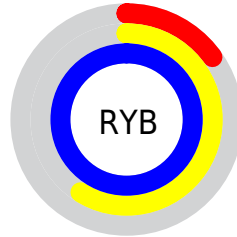
The Hex color **27FFF0** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF2736**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **80FFFF**, and **00C5B8** is the 20% darker color. If you saturate the color by 10%, you get **0EFFEE**, and if you desaturate by 10%, it is **41FFF2**.

# Distribution



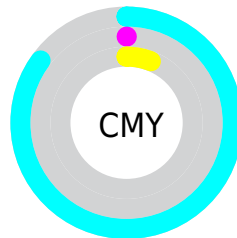
- Red (15%)
- Green (100%)
- Blue (94%)



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



- Cyan (85%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (85%)
- Magenta (0%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27FFF0 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 27FFF0 by changing the saturation by 10% instead.




 27FFF0

 27FFF0

FFFFFF

 00E2D4

 80FFFF

 00C5B8

 A3FFFF

 00A99D

 C4FFFF

 008E83

 E4FFFF

 00746A

 005A52

 00413B

 002B25

 000712

 27FFF0

 27FFF0

 0EFFEE

 41FFF2

 00FFED

 5AFFF4

 74FFF5

 8DFFF7

 A7FFF9

 C0FFFB

 DAFFFC

 F3FFFE

FFFFFF

# Harmonies

## Analogous

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



85FCBD



27FFF0



00FDFD

# Triad

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



27FFF0



FAD3FF



FFD58A

# Complementary

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



27FFF0



FF2736

# 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.



FFC5AB



27FFF0



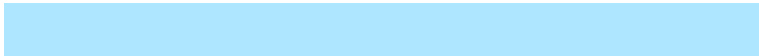
FFC3FF

# Square

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



27FFF0



AFE6FF



FFBEDA



F9E681

# Rectangle

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



27FFF0



00F8FF



FFBEDA



FFCF93

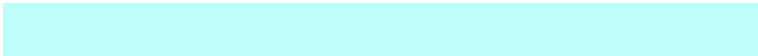


# Sweetspot

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



27FFF0



BFFFFB



39FF27



59807D



000000



808080



# Same Dimension

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



27FFF0



00FFED



27A5FF



73807F



00BFB2



00403B



# Inverse Universe

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



FF2736



FF0012



FF8127



807374



BF000D

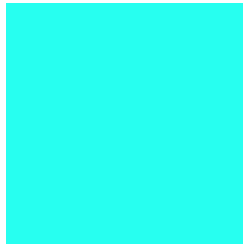


400004



# Previews

## White Background



This preview shows how the Hex color 27FFF0 looks on a white background.

## Color Contrast Check

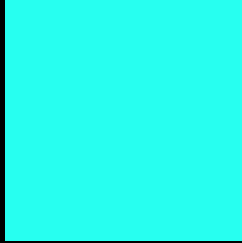
Large Text (above 18pt) WCAG AA × Fail

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 27FFF0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

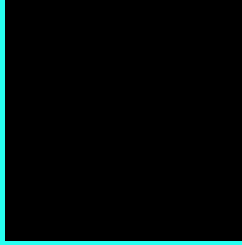
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

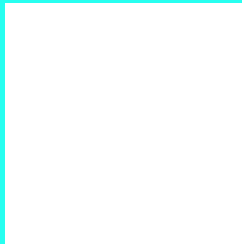
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 27FFF0 Background



This preview shows how black text looks on a background with the Hex color 27FFF0.



This preview shows how white text looks on a background with the Hex color 27FFF0.

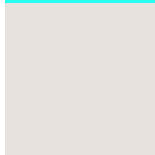
# Color Blindness Simulation

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](#).

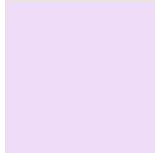
## Dichromacy



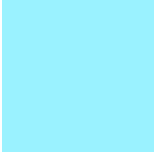
**Original Color**  
27FFF0



**Protanopia**  
E8E2DF

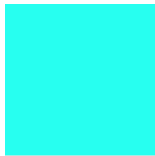


**Deuteranopia**  
EFDCF8

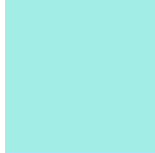


**Tritanopia**  
9AF2FF

# Trichromacy



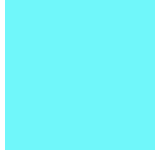
**Original Color**  
27FFF0



**Protanomaly**  
A2EDE5

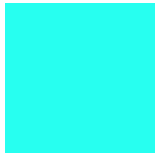


**Deuteranomaly**  
A6E9F5

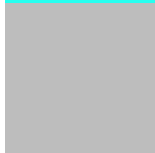


**Tritanomaly**  
70F7FA

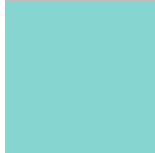
# Monochromacy



**Original Color**  
27FFF0



**Achromatopsia**  
BDBDBD



**Achromatomaly**  
86D5D0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27FFF0 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 #27FFF0 looks like.

```
.text, #text, p{  
    color:#27FFF0  
}
```

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 #27FFF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27FFF0
}
```

## Border

The CSS property to change the border of an element to Hex 27FFF0 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
#27FFF0 }
```

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

```
.border{ border-color:#27FFF0 }
```

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

Here you see how a box with a 4 pixel #27FFF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27FFF0; -webkit-box-shadow:4px 4px  
4px 4px #27FFF0; box-shadow:4px 4px 4px  
4px #27FFF0 }
```

# Background

The CSS property to change the background color of an element to Hex 27FFF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27FFF0 }
```

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

```
.background{ background-color:#27FFF0 }
```

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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