

# Converting Colors

Hex(27FFD9)

Have a look what the booklet for  
Hex(27FFD9) contains.

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# **Color**

**Hex(27FFD9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	27FFD9
RGB	39, 255, 217
RGB Percent	15%, 100%, 85%
CMY	0.8471, 0.0000, 0.1490
CMYK	0.85, 0.00, 0.15, 0.00
HSL	169°, 100%, 58%
HSV	169°, 85%, 100%
XYZ	49.1211, 76.9611, 77.9117
YIQ	186.0840, -116.5380, -57.6100

# Conversions

## Conversions Part 2

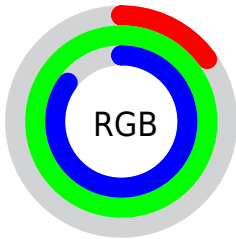
Format	Color
<a href="#">RYB</a>	<a href="#">39, 157, 255</a>
Decimal	<a href="#">2621401</a>
CIELab	<a href="#">90.30, -56.96, 4.40</a>
CIELCh	<a href="#">90, 57.127, 175.587</a>
Yxy	<a href="#">76.9611, 0.2408, 0.3773</a>
Android (android.graphics.Color)	<a href="#">4280811481</a> ( <a href="#">0xFF27FFD9</a> )
YUV	<a href="#">186.0840, 15.2416, -128.9927</a>
Hunter-Lab	<a href="#">87.7275, -53.5759, 8.7532</a>

# Details

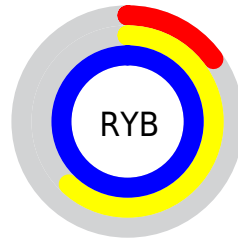
The Hex color **27FFD9** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF274D**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **7FFFFFFF**, and **00C5A2** is the 20% darker color. If you saturate the color by 10%, you get **0EFFD5**, and if you desaturate by 10%, it is **41FFDD**.

# Distribution



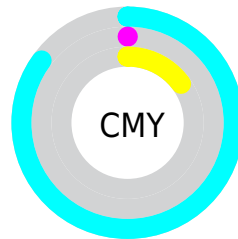
- Red (15%)
- Green (100%)
- Blue (85%)



- Red (15%)
- Yellow (62%)
- Blue (100%)



- Cyan (85%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (85%)
- Magenta (0%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27FFD9 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 27FFD9 by changing the saturation by 10% instead.



 27FFD9

 27FFD9

FFFFFF

 00E2BD

 7FFFFFFF

 00C5A2

 A0FFFF

 00A988

 C1FFFF

 008E6F

 E1FFFF

 007356

 00593F

 004029

 002915

 000200

 27FFD9

 27FFD9

 0EFFD5

 41FFDD

 00FFD2

 5AFFE2

 74FFE6

 8DFFEB

 A7FFE7

 C0FFF4

 DAFFF8

 F3FFFD

FFFFFF

# Harmonies

## Analogous

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



94F9A3



27FFD9



00FFFF

# Triad

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



27FFD9



DCD8FF



FFCA8A

# Complementary

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



27FFD9



FF274D

# 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.



FFBAB7



27FFD9



FFC4FF

# Square

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



27FFD9



75EBFF



FFB7EE



FFDD74

# Rectangle

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



27FFD9



00BFFF



FFB7EE



FFC497



# Sweetspot

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



27FFD9



BFFFF4



4FFF27



598079



000000



808080



# Same Dimension

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



27FFD9



00FFD2



27BBFF



73807D



00BF9E



004035



# Inverse Universe

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



FF274D



FF002D



FF6B27



807375



BF0022

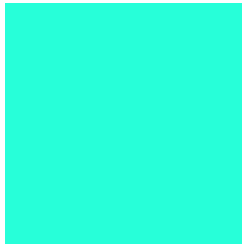


40000B



# Previews

## White Background



This preview shows how the Hex color 27FFD9 looks on a white background.

## Color Contrast Check

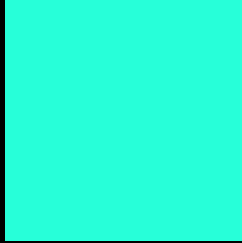
Large Text (above 18pt) WCAG AA × Fail

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 27FFD9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

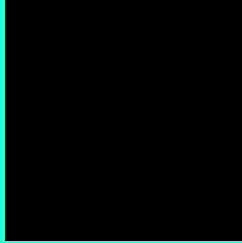
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

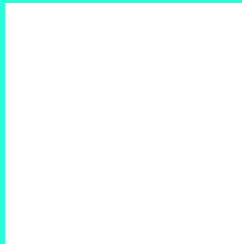
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 27FFD9 Background



This preview shows how black text looks on a background with the Hex color 27FFD9.

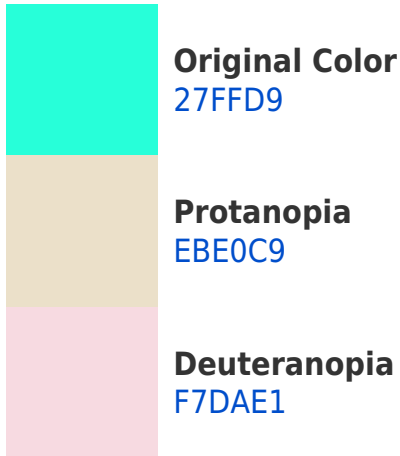


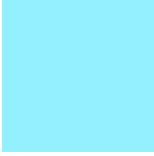
This preview shows how white text looks on a background with the Hex color 27FFD9.

# 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



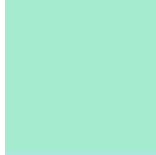


**Tritanopia**  
93F1FF

# Trichromacy



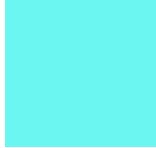
**Original Color**  
27FFD9



**Protanomaly**  
A4EBCF



**Deuteranomaly**  
ABE7DE

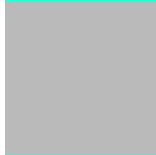


**Tritanomaly**  
6CF6F1

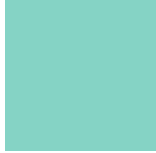
# Monochromacy



**Original Color**  
27FFD9



**Achromatopsia**  
BABABA



**Achromatomaly**  
85D3C5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27FFD9 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 #27FFD9 looks like.

```
.text, #text, p{  
    color:#27FFD9  
}
```

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 #27FFD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27FFD9
}
```

## Border

The CSS property to change the border of an element to Hex 27FFD9 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
#27FFD9 }
```

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

```
.border{ border-color:#27FFD9 }
```

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

Here you see how a box with a 4 pixel #27FFD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27FFD9; -webkit-box-shadow:4px 4px  
4px 4px #27FFD9; box-shadow:4px 4px 4px  
4px #27FFD9 }
```

# Background

The CSS property to change the background color of an element to Hex 27FFD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27FFD9 }
```

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

```
.background{ background-color:#27FFD9 }
```

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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