

Converting Colors

Hex(27FF9A)

Have a look what the booklet for
Hex(27FF9A) contains.

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Color

Hex(27FF9A)

Conversions

Conversions Part 1

Format	Color
Hex	27FF9A
RGB	39, 255, 154
RGB Percent	15%, 100%, 60%
CMY	0.8471, 0.0000, 0.3961
CMYK	0.85, 0.00, 0.40, 0.00
HSL	152°, 100%, 58%
HSV	152°, 85%, 100%
XYZ	42.4294, 74.2844, 42.6739
YIQ	178.9020, -96.3150, -77.2030

Conversions

Conversions Part 2

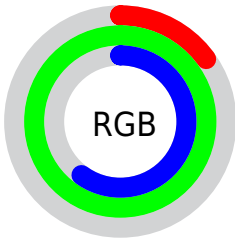
Format	Color
R_{YB}	39, 180, 255
Decimal	2621338
CIE _{Lab}	89.06, -70.70, 34.77
CIE _{LCh}	89, 78.786, 153.812
Yxy	74.2844, 0.2662, 0.4661
Android (android.graphics.Color)	4280811418 (0xFF27FF9A)
YUV	178.9020, -12.2767, -122.6941
Hunter-Lab	86.1884, -62.9565, 30.9760

Details

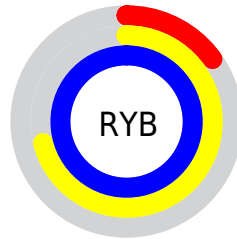
The Hex color **27FF9A** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **FF278C**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **7DFFD1**, and **00C566** is the 20% darker color. If you saturate the color by 10%, you get **0EFF8E**, and if you desaturate by 10%, it is **41FFA6**.

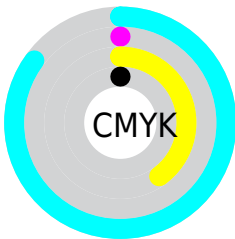
Distribution



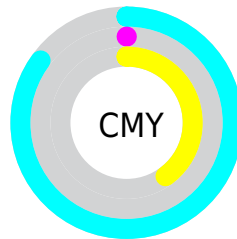
- Red (15%)
- Green (100%)
- Blue (60%)



- Red (15%)
- Yellow (71%)
- Blue (100%)



- Cyan (85%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (85%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27FF9A 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 27FF9A by changing the saturation by 10% instead.

 27FF9A

 27FF9A

FFFFFF

 00E27F

 7DFFD1

 00C566

 9EFFEE

 00A84D

 BFFFFF

 008D34

 DFFFFF

 00721C

 005801

 003F00

 002500

 000000

 27FF9A

 27FF9A

 0EFF8E

 41FFA6

 00FF88

 5AFFB2

 74FFBE

 8DFFCA

 A7FFD6

 C0FFE2

 DAFFED

 F3FFF9

FFFFFF

Harmonies

Analogous

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



B1F359



27FF9A



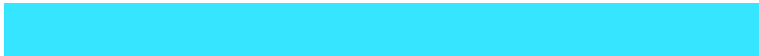
00FE7

Triad

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



27FF9A



36E5FF



FFA690

Complementary

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



27FF9A



FF278C

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.



FF99D9



27FF9A



EFC8FF

Square

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



27FF9A



00F9FF



FFA8FF



FFC355

Rectangle

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



27FF9A



00FFFF



FFA8FF



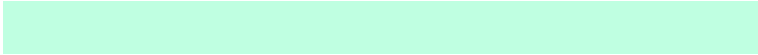
FF9FA7

Sweetspot

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



27FF9A



BFFFE1



8FFF27



59806E



000000



808080

Same Dimension

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



27FF9A



00FF88



27FBFF



73807A



00BF66



004022

Inverse Universe

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



FF278C



FF0077



FF2B27



807379



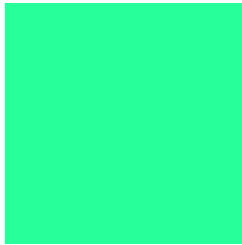
BF0059



40001E

Previews

White Background



This preview shows how the Hex color 27FF9A looks on a white background.

Color Contrast Check

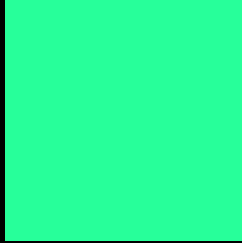
Large Text (above 18pt) WCAG AA × Fail

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 27FF9A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

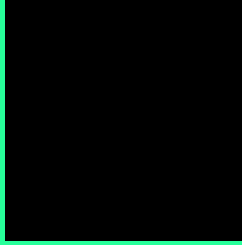
Any Text WCAG AA ✓ Pass

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 27FF9A Background



This preview shows how black text looks on a background with the Hex color 27FF9A.

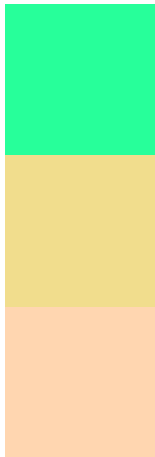


This preview shows how white text looks on a background with the Hex color 27FF9A.

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](#).

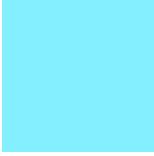
Dichromacy



Original Color
27FF9A

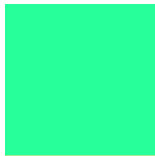
Protanopia
F1DD8D

Deuteranopia
FFD6B0



Tritanopia
84EFFF

Trichromacy



Original Color

27FF9A



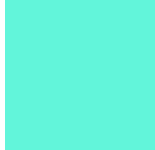
Protanomaly

A8E992



Deuteranomaly

B0E5A8



Tritanomaly

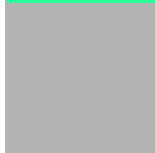
62F5DA

Monochromacy



Original Color

27FF9A



Achromatopsia

B3B3B3



Achromatomaly

80CFAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 27FF9A 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 #27FF9A looks like.

```
.text, #text, p{  
    color:#27FF9A  
}
```

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 #27FF9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27FF9A
}
```

Border

The CSS property to change the border of an element to Hex 27FF9A 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
#27FF9A }
```

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

```
.border{ border-color:#27FF9A }
```

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

Here you see how a box with a 4 pixel #27FF9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27FF9A; -webkit-box-shadow:4px 4px  
4px 4px #27FF9A; box-shadow:4px 4px 4px  
4px #27FF9A }
```

Background

The CSS property to change the background color of an element to Hex 27FF9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27FF9A }
```

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

```
.background{ background-color:#27FF9A }
```

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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