

Converting Colors

Hex(FF27FF)

Have a look what the booklet for
Hex(FF27FF) contains.

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Color

Hex(FF27FF)

Conversions

Conversions Part 1

Format	Color
Hex	FF27FF
RGB	255, 39, 255
RGB Percent	100%, 15%, 100%
CMY	0.0000, 0.8471, 0.0000
CMYK	0.00, 0.85, 0.00, 0.00
HSL	300°, 100%, 58%
HSV	300°, 85%, 100%
XYZ	60.0155, 29.9310, 97.2218
YIQ	128.2080, 59.4000, 112.9680

Conversions

Conversions Part 2

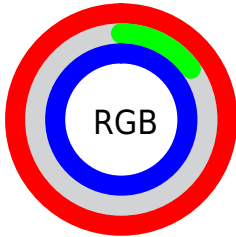
Format	Color
R _Y B	255, 39, 255
Decimal	16721919
CIE Lab	61.59, 94.50, -58.80
CIE LCh	62, 111.299, 328.106
Yxy	29.9310, 0.3206, 0.1599
Android (android.graphics.Color)	4294911999 (0xFFFF27FF)
YUV	128.2080, 62.5085, 111.1966
Hunter-Lab	54.7093, 100.0715, -67.0656

Details

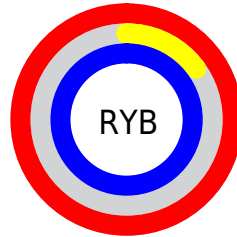
The Hex color **FF27FF** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **27FF27**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF74FF**, and **C100C5** is the 20% darker color. If you saturate the color by 10%, you get **FF0EFF**, and if you desaturate by 10%, it is **FF41FF**.

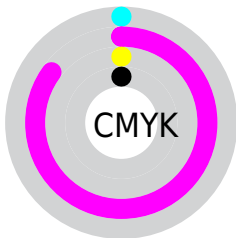
Distribution



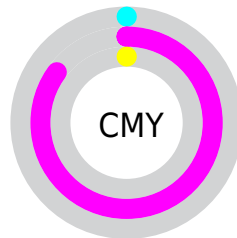
- Red (100%)
- Green (15%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color FF27FF 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 FF27FF by changing the saturation by 10% instead.

 FF27FF

 FF27FF

FFFFFF

 E000E2

 FF74FF

 C100C5

 FF94FF

 A300AA

 FFB3FF

 85008E

 FFD2FF

 680074

 FFF1FF

 4B005B

 2C0042

 03002B

 000115

 FF27FF

 FF27FF

 FF0EFF

 FF41FF

 FF00FF

 FF5AFF

 FF74FF

 FF8DFF

 FFA7FF

 FFC0FF

 FFDAFF

 FFF3FF

FFFFFF

Harmonies

Analogous

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



617DFF



FF27FF



FF00A0

Triad

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



FF27FF



BA8F00



00BCF0

Complementary

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



FF27FF



27FF27

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.



00BA8C



FF27FF



55A900

Square

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



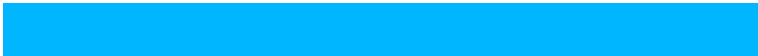
FF27FF



FF5F00



00B511



00B7FF

Rectangle

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



FF27FF



FF005F



00B511



00BCD0

Sweetspot

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



FF27FF



FFBFFF



2727FF



805980



000000



808080

Same Dimension

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



FF27FF



FF00FF



FF2793



807380



BF00BF



400040

Inverse Universe

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



FF27FF



FF00FF



27FF93



807380



BF00BF



400040

Previews

White Background



This preview shows how the Hex color FF27FF looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

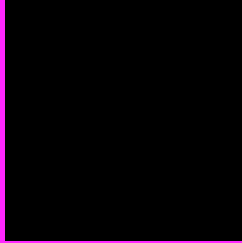
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex FF27FF Background



This preview shows how black text looks on a background with the Hex color FF27FF.



This preview shows how white text looks on a background with the Hex color FF27FF.

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
EF6970

Trichromacy



Original Color
FF27FF



Protanomaly
9B6BFF



Deuteranomaly
996DF5



Tritanomaly
F551A4

Monochromacy



Original Color
FF27FF



Achromatopsia
808080



Achromatomaly
AE60AE

CSS Examples

Text

The CSS property to change the color of the text to Hex FF27FF 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 #FF27FF looks like.

```
.text, #text, p{  
    color:#FF27FF  
}
```

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 #FF27FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF27FF
}
```

Border

The CSS property to change the border of an element to Hex FF27FF 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
#FF27FF }
```

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

```
.border{ border-color:#FF27FF }
```

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

Here you see how a box with a 4 pixel #FF27FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF27FF; -webkit-box-shadow:4px 4px  
4px 4px #FF27FF; box-shadow:4px 4px 4px  
4px #FF27FF }
```

Background

The CSS property to change the background color of an element to Hex FF27FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF27FF }
```

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

```
.background{ background-color:#FF27FF }
```

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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