

Converting Colors

Hex(FF49FF)

Have a look what the booklet for
Hex(FF49FF) contains.

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Color

Hex(F49FF)

Conversions

Conversions Part 1

Format	Color
Hex	FF49FF
RGB	255, 73, 255
RGB Percent	100%, 29%, 100%
CMY	0.0000, 0.7137, 0.0000
CMYK	0.00, 0.71, 0.00, 0.00
HSL	300°, 100%, 64%
HSV	300°, 71%, 100%
XYZ	61.6725, 33.2451, 97.7742
YIQ	148.1660, 50.0500, 95.1860

Conversions

Conversions Part 2

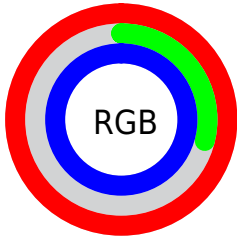
Format	Color
R _Y B	255, 73, 255
Decimal	16730623
CIE Lab	64.36, 86.49, -54.40
CIE LCh	64, 102.180, 327.830
Yxy	33.2451, 0.3201, 0.1725
Android (android.graphics.Color)	4294920703 (0xFFFF49FF)
YUV	148.1660, 52.6692, 93.6934
Hunter-Lab	57.6586, 90.0241, -60.1797

Details

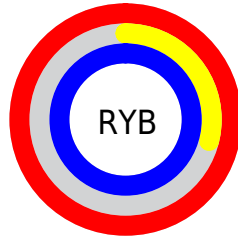
The Hex color **FF49FF** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **49FF49**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FF89FF**, and **C200C5** is the 20% darker color. If you saturate the color by 10%, you get **FF30FF**, and if you desaturate by 10%, it is **FF62FF**.

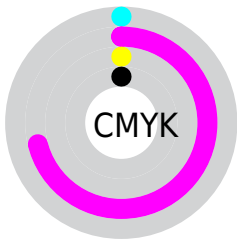
Distribution



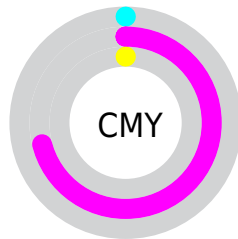
- Red (100%)
- Green (29%)
- Blue (100%)



- Red (100%)
- Yellow (29%)
- Blue (100%)



- Cyan (0%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (71%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF49FF 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 FF49FF by changing the saturation by 10% instead.

 FF49FF

 FF49FF

FFFFFF

 E01EE2

 FF89FF

 C200C5

 FFA8FF

 A400AA

 FFC6FF

 87008F

 FFE4FF

 6A0074

 4D005B

 300042

 0C002B

 000115

 FF49FF

 FF49FF

 FF30FF

 FF62FF

 FF16FF

 FF7CFF

 FF00FF

 FF95FF

 FFAFFF

 FFC9FF

 FFE2FF

 FFFBFF

FFFFFF

Harmonies

Analogous

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



7787FF



FF49FF



FF00A7

Triad

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



FF49FF



C39700



00C2F0

Complementary

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



FF49FF



49FF49

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.



00C093



FF49FF



68AF00

Square

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



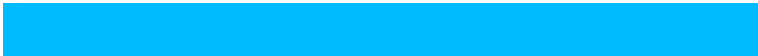
FF49FF



FF6C00



00BB2C



00BCFF

Rectangle

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



FF49FF



FF006B



00BB2C



00C2D2

Sweetspot

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



FF49FF



FFC9FF



4949FF



806080



000000



808080

Same Dimension

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



FF49FF



FF24FF



FF49A4



807380



BF00BF



400040

Inverse Universe

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



FF49FF



FF24FF



49FFA4



807380



BF00BF



400040

Previews

White Background



This preview shows how the Hex color FF49FF looks on a white background.

Color Contrast Check

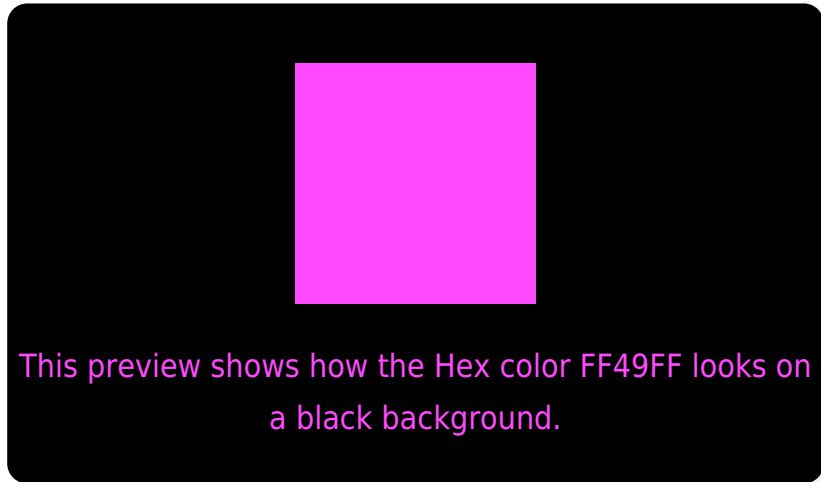
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 FF49FF Background



This preview shows how black text looks on a background with the Hex color FF49FF.



This preview shows how white text looks on a background with the Hex color FF49FF.

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
F0757E

Trichromacy



Original Color
FF49FF



Protanomaly
A57CFF



Deuteranomaly
A37EF7

Tritanomaly
F565AD

Monochromacy



Original Color
FF49FF



Achromatopsia
949494



Achromatomaly
BB79BB

CSS Examples

Text

The CSS property to change the color of the text to Hex FF49FF 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 #FF49FF looks like.

```
.text, #text, p{  
    color:#FF49FF  
}
```

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 #FF49FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF49FF
}
```

Border

The CSS property to change the border of an element to Hex FF49FF 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
#FF49FF }
```

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

```
.border{ border-color:#FF49FF }
```

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

Here you see how a box with a 4 pixel #FF49FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF49FF; -webkit-box-shadow:4px 4px  
4px 4px #FF49FF; box-shadow:4px 4px 4px  
4px #FF49FF }
```

Background

The CSS property to change the background color of an element to Hex FF49FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF49FF }
```

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

```
.background{ background-color:#FF49FF }
```

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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