

# Converting Colors

Hex(FF4DFF)

Have a look what the booklet for  
Hex(FF4DFF) contains.

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**Color**

**Hex(F4DFF)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | FF4DFF                     |
| RGB         | 255, 77, 255               |
| RGB Percent | 100%, 30%, 100%            |
| CMY         | 0.0000, 0.6980, 0.0000     |
| CMYK        | 0.00, 0.70, 0.00, 0.00     |
| HSL         | 300°, 100%, 65%            |
| HSV         | 300°, 70%, 100%            |
| XYZ         | 61.9439, 33.7878, 97.8646  |
| YIQ         | 150.5140, 48.9500, 93.0940 |

# Conversions

## Conversions Part 2

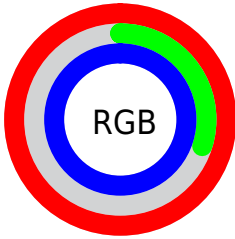
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 255, 77, 255                  |
| Decimal                             | 16731647                      |
| CIE <sub>Lab</sub>                  | 64.79, 85.25, -53.71          |
| CIE <sub>LCh</sub>                  | 65, 100.762, 327.787          |
| Yxy                                 | 33.7878, 0.3200,<br>0.1745    |
| Android<br>(android.graphics.Color) | 4294921727<br>(0xFFFF4DFF)    |
| YUV                                 | 150.5140, 51.5116,<br>91.6342 |
| Hunter-Lab                          | 58.1272, 88.4977,<br>-59.1332 |

# Details

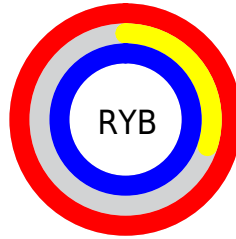
The Hex color **FF4DFF** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **4DFF4D**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FF8CFF**, and **C200C6** is the 20% darker color. If you saturate the color by 10%, you get **FF34FF**, and if you desaturate by 10%, it is **FF67FF**.

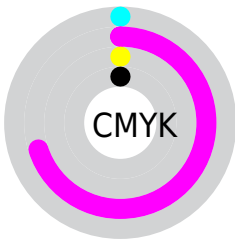
# Distribution



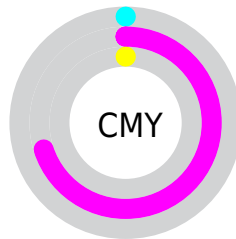
- Red (100%)
- Green (30%)
- Blue (100%)



- Red (100%)
- Yellow (30%)
- Blue (100%)



- Cyan (0%)
- Magenta (70%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (70%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF4DFF 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 FF4DFF by changing the saturation by 10% instead.



 FF4DFF

 FF4DFF

FFFFFF

 E025E2

 FF8CFF

 C200C6

 FFAAFF

 A400AA

 FFC8FF

 87008F

 FFE7FF

 6A0074

 4D005B

 310043

 0E002B

 000115

 FF4DFF

 FF4DFF

 FF34FF

 FF67FF

 FF1AFF

 FF80FF

 FF01FF

 FF9AFF

 FF00FF

 FFB3FF

 FFCDFD

 FFE6FF

FFFFFF

# Harmonies

## Analogous

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



7988FF



FF4DFF



FF00A8

# Triad

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



FF4DFF



C49800



00C2F0

# Complementary

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



FF4DFF



4DFF4D

# 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.



00C194



FF4DFF



6BB000

# Square

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



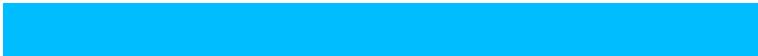
FF4DFF



FF6E00



00BC2F



00BDFE

# Rectangle

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



FF4DFF



FF006D



00BC2F



00C3D2



# Sweetspot

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



FF4DFF



FFC9FF



4D4DFF



806080



000000



808080



# Same Dimension

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



FF4DFF



FF29FF



FF4DA6



807380



BF00BF



400040



# Inverse Universe

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



FF4DFF



FF29FF



4DFFA6



807380



BF00BF



400040



# Previews

## White Background



This preview shows how the Hex color FF4DFF looks on a white background.

## Color Contrast Check

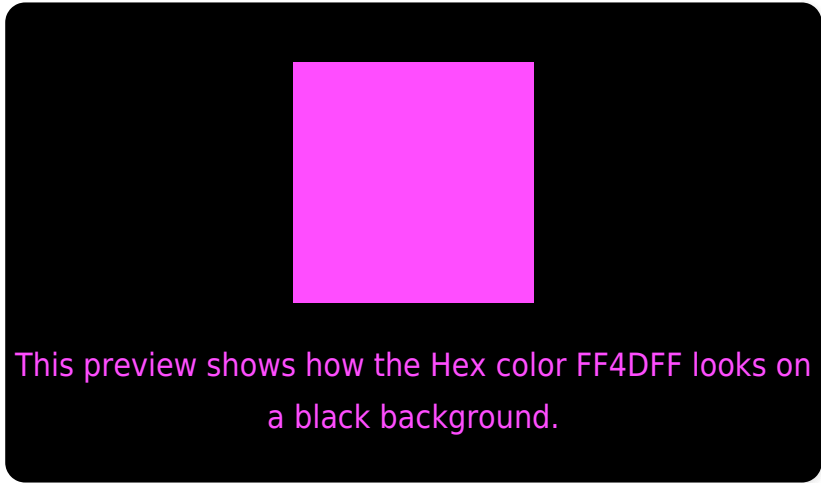
Large Text (above 18pt) WCAG AA × Fail

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

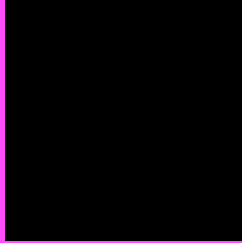
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FF4DFF Background



This preview shows how black text looks on a background with the Hex color FF4DFF.

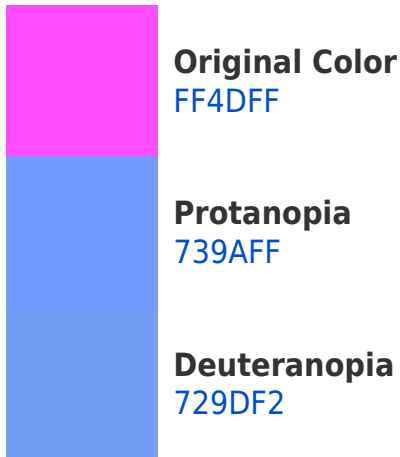


This preview shows how white text looks on a background with the Hex color FF4DFF.

# 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](#).

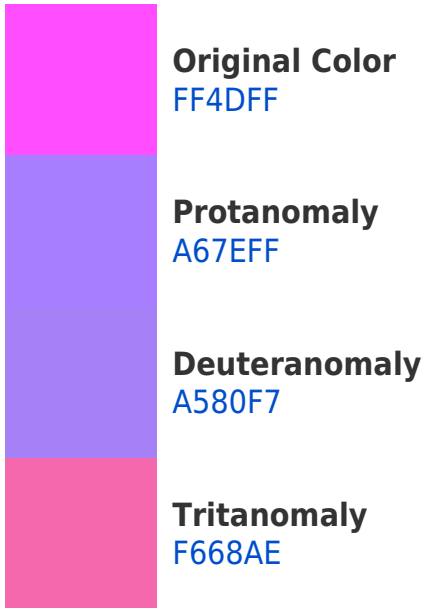
## Dichromacy



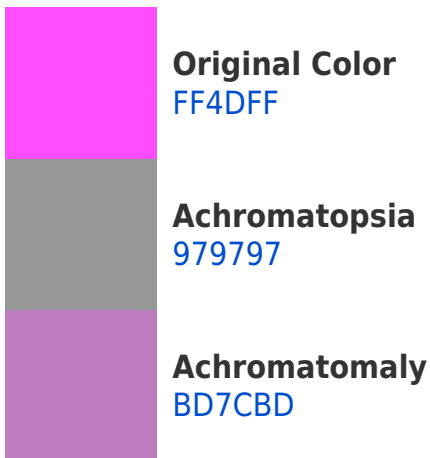


**Tritanopia**  
F17780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF4DFF 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 #FF4DFF looks like.

```
.text, #text, p{  
    color:#FF4DFF  
}
```

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 #FF4DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4DFF
}
```

## Border

The CSS property to change the border of an element to Hex FF4DFF 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
#FF4DFF }
```

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

```
.border{ border-color:#FF4DFF }
```

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

Here you see how a box with a 4 pixel #FF4DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4DFF; -webkit-box-shadow:4px 4px  
4px 4px #FF4DFF; box-shadow:4px 4px 4px  
4px #FF4DFF }
```

# Background

The CSS property to change the background color of an element to Hex FF4DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4DFF }
```

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

```
.background{ background-color:#FF4DFF }
```

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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