

Converting Colors

Hex(FF7DFF)

Have a look what the booklet for
Hex(FF7DFF) contains.

Hex(FF7DFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(**FF7DFF**)

Conversions

Conversions Part 1

Format	Color
Hex	FF7DFF
RGB	255, 125, 255
RGB Percent	100%, 49%, 100%
CMY	0.0000, 0.5098, 0.0000
CMYK	0.00, 0.51, 0.00, 0.00
HSL	300°, 100%, 75%
HSV	300°, 51%, 100%
XYZ	66.6236, 43.1472, 99.4245
YIQ	178.6900, 35.7500, 67.9900

Conversions

Conversions Part 2

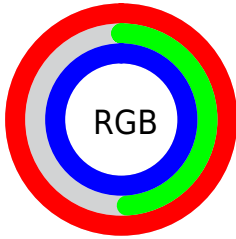
Format	Color
RYB	255, 125, 255
Decimal	16743935
CIELab	71.65, 66.33, -42.90
CIElCh	72, 78.997, 327.105
Yxy	43.1472, 0.3185, 0.2063
Android (android.graphics.Color)	4294934015 (0xFFFF7DFF)
YUV	178.6900, 37.6208, 66.9239
Hunter-Lab	65.6866, 66.0950, -43.7620

Details

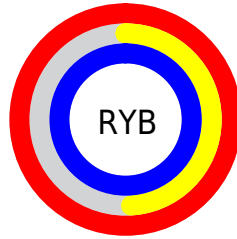
The Hex color **FF7DFF** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **7DFF7D**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFB6FF**, and **C444C6** is the 20% darker color. If you saturate the color by 10%, you get **FF64FF**, and if you desaturate by 10%, it is **FF97FF**.

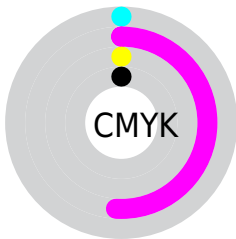
Distribution



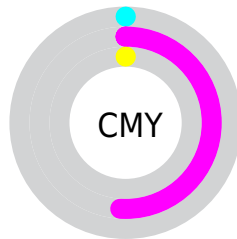
- Red (100%)
- Green (49%)
- Blue (100%)



- Red (100%)
- Yellow (49%)
- Blue (100%)



- Cyan (0%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF7DFF 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 FF7DFF by changing the saturation by 10% instead.

 FF7DFF

 FF7DFF

FFFFFF

 E161E2

 FFB6FF

 C444C6

 FFD3FF

 A723AA

 FFF1FF

 8A008F

 6E0075

 53005C

 390044

 1D002D

 000117

 FF7DFF

 FF7DFF

 FF64FF

 FF97FF

 FF4AFF

 FFB0FF

 FF31FF

 FFCAFF

 FF17FF

 FFE3FF

 FF00FF

 FFFDFF

 FFFFFFFF

Harmonies

Analogous

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



9F9FFF



FF7DFF



FF64BA

Triad

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



FF7DFF



D7AA00



00D0EF

Complementary

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



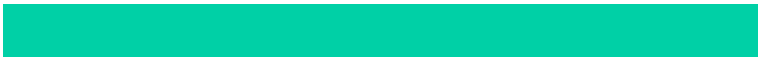
FF7DFF



7DFF7D

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.



00D0A6



FF7DFF



91BF0F

Square

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



FF7DFF



FF8C31



00CA5C



00CAFF

Rectangle

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



FF7DFF



FF678A



00CA5C



00D1D8

Sweetspot

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



FF7DFF



FFD9FF



7D7DFF



806980



000000



808080

Same Dimension

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



FF7DFF



FF63FF



FF7DBE



807380



BF00BF



400040

Inverse Universe

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



FF7DFF



FF63FF



7DFFBE



807380



BF00BF



400040

Previews

White Background



This preview shows how the Hex color FF7DFF looks on a white background.

Color Contrast Check

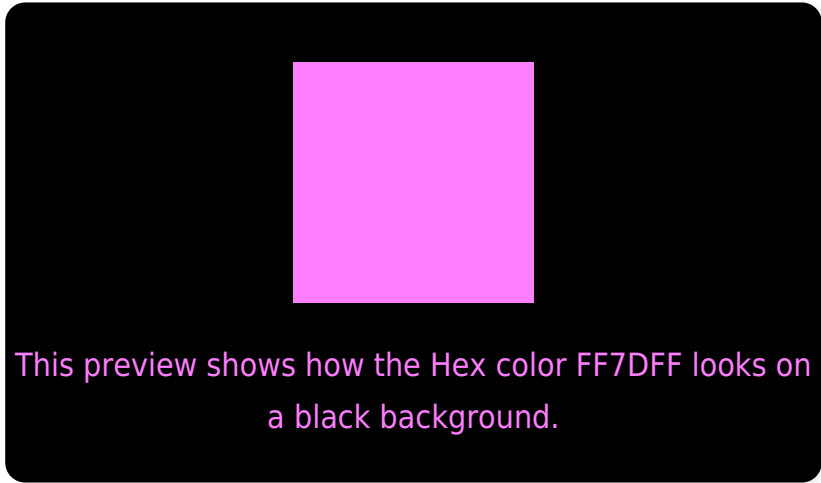
Large Text (above 18pt) WCAG AA × Fail

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 FF7DFF Background



This preview shows how black text looks on a background with the Hex color FF7DFF.



This preview shows how white text looks on a background with the Hex color FF7DFF.

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
FF7DFF

Protanopia
94ADFF

Deuteranopia
97AEF6



Tritanopia
F394A0

Trichromacy



Original Color
FF7DFF



Protanomaly
BB9CFF



Deuteranomaly
BD9CF9



Tritanomaly
F78CC3

Monochromacy



Original Color
FF7DFF



Achromatopsia
B3B3B3



Achromatomaly
CF9FCF

CSS Examples

Text

The CSS property to change the color of the text to Hex FF7DFF 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 #FF7DFF looks like.

```
.text, #text, p{  
    color:#FF7DFF  
}
```

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 #FF7DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7DFF
}
```

Border

The CSS property to change the border of an element to Hex FF7DFF 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
#FF7DFF }
```

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

```
.border{ border-color:#FF7DFF }
```

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

Here you see how a box with a 4 pixel #FF7DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7DFF; -webkit-box-shadow:4px 4px  
4px 4px #FF7DFF; box-shadow:4px 4px 4px  
4px #FF7DFF }
```

Background

The CSS property to change the background color of an element to Hex FF7DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7DFF }
```

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

```
.background{ background-color:#FF7DFF }
```

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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