

Converting Colors

Hex(FF6DF7)

Have a look what the booklet for
Hex(FF6DF7) contains.

Hex(FF6DF7)	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(F66DF7)

Conversions

Conversions Part 1

Format	Color
Hex	FF6DF7
RGB	255, 109, 247
RGB Percent	100%, 43%, 97%
CMY	0.0000, 0.5725, 0.0314
CMYK	0.00, 0.57, 0.03, 0.00
HSL	303°, 100%, 71%
HSV	303°, 57%, 100%
XYZ	63.4971, 38.9127, 92.1599
YIQ	168.3860, 42.7180, 73.8700

Conversions

Conversions Part 2

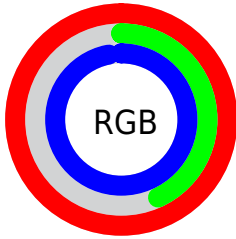
Format	Color
R _Y B	255, 109, 247
Decimal	16739831
CIE _{Lab}	68.69, 72.06, -43.17
CIE _{LCh}	69, 84.003, 329.073
Yxy	38.9127, 0.3263, 0.2000
Android (android.graphics.Color)	4294929911 (0xFFFF6DF7)
YUV	168.3860, 38.7567, 75.9605
Hunter-Lab	62.3800, 72.5316, -43.9287

Details

The Hex color **FF6DF7** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **6DFF75**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFA7FF**, and **C32FBE** is the 20% darker color. If you saturate the color by 10%, you get **FF54F6**, and if you desaturate by 10%, it is **FF87F8**.

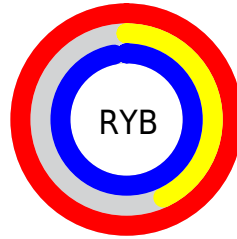
Distribution



Red (100%)

Green (43%)

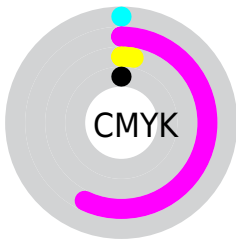
Blue (97%)



Red (100%)

Yellow (43%)

Blue (97%)

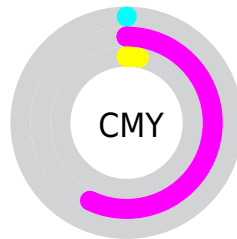


Cyan (0%)

Magenta (57%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (57%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF6DF7 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 FF6DF7 by changing the saturation by 10% instead.

 FF6DF7

 FF6DF7

FFFFFF

 E14FDA

 FFA7FF

 C32FBE

 FFC4FF

 A600A3

 FFE2FF


 890088

 6D006E

 510055

 38003D

 180026

 00010F

 FF6DF7

 FF6DF7

 FF54F6

 FF87F8

 FF3AF4

 FFA0FA

 FF21F3

 FFBAFB

 FF07F1

 FFD3FD

 FF00F1

 FFEDFE

 FFFFFFFF

Harmonies

Analogous

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



9C94FF



FF6DF7



FF50AD

Triad

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



FF6DF7



CBA400



00C9F0

Complementary

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



FF6DF7



6DFF75

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.



00C9A3



FF6DF7



80B800

Square

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



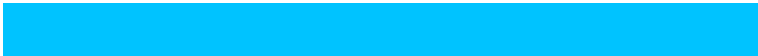
FF6DF7



FF8415



00C454



00C3FF

Rectangle

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



FF6DF7



FF567B



00C454



00CAD7

Sweetspot

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



FF6DF7



FFD4FD



746DFF



80667E



000000



808080

Same Dimension

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



FF6DF7



FF4FF5



FF6DAF



80737F



BF00B5



40003C

Inverse Universe

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



FF6DF7



FF4FF5



6DFFBD



80737F



BF00B5



40003C

Previews

White Background



This preview shows how the Hex color FF6DF7 looks on a white background.

Color Contrast Check

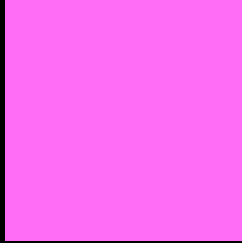
Large Text (above 18pt) WCAG AA × Fail

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 FF6DF7 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 FF6DF7 Background



This preview shows how black text looks on a background with the Hex color FF6DF7.

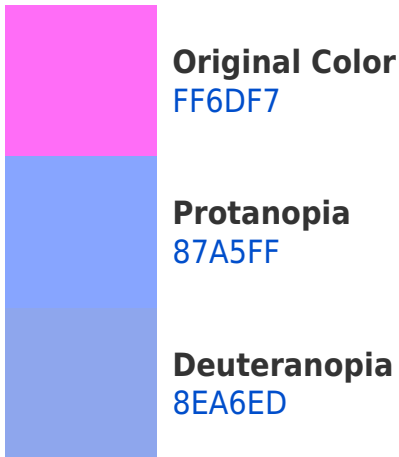


This preview shows how white text looks on a background with the Hex color FF6DF7.

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
F38892

Trichromacy



Original Color
FF6DF7



Protanomaly
B391FC



Deuteranomaly
B791F1



Tritanomaly
F77EB7

Monochromacy



Original Color
FF6DF7



Achromatopsia
A8A8A8



Achromatomaly
C893C5

CSS Examples

Text

The CSS property to change the color of the text to Hex FF6DF7 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 #FF6DF7 looks like.

```
.text, #text, p{  
    color:#FF6DF7  
}
```

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 #FF6DF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6DF7
}
```

Border

The CSS property to change the border of an element to Hex FF6DF7 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
#FF6DF7 }
```

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

```
.border{ border-color:#FF6DF7 }
```

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

Here you see how a box with a 4 pixel #FF6DF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6DF7; -webkit-box-shadow:4px 4px  
4px 4px #FF6DF7; box-shadow:4px 4px 4px  
4px #FF6DF7 }
```

Background

The CSS property to change the background color of an element to Hex FF6DF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6DF7 }
```

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

```
.background{ background-color:#FF6DF7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor