

# Converting Colors

Hex(FF4DDE)

Have a look what the booklet for  
Hex(FF4DDE) contains.

<b>Hex(FF4DDE)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(F4DDE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF4DDE
RGB	255, 77, 222
RGB Percent	100%, 30%, 87%
CMY	0.0000, 0.6980, 0.1294
CMYK	0.00, 0.70, 0.13, 0.00
HSL	311°, 100%, 65%
HSV	311°, 70%, 100%
XYZ	57.0787, 31.8417, 72.2449
YIQ	146.7520, 59.5430, 82.8310

# Conversions

## Conversions Part 2

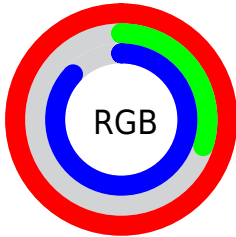
Format	Color
<a href="#">RYB</a>	<a href="#">255, 77, 222</a>
Decimal	<a href="#">16731614</a>
CIELab	<a href="#">63.21, 80.41, -37.87</a>
CIELCh	<a href="#">63, 88.881, 334.783</a>
Yxy	<a href="#">31.8417, 0.3542, 0.1976</a>
Android (android.graphics.Color)	<a href="#">4294921694 (0xFFFF4DDE)</a>
YUV	<a href="#">146.7520, 37.0973, 94.9335</a>
Hunter-Lab	<a href="#">56.4284, 81.8072, -36.4087</a>

# Details

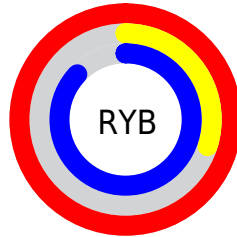
The Hex color **FF4DDE** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **4DFF6E**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FF8BFF**, and **C200A6** is the 20% darker color. If you saturate the color by 10%, you get **FF34D9**, and if you desaturate by 10%, it is **FF67E3**.

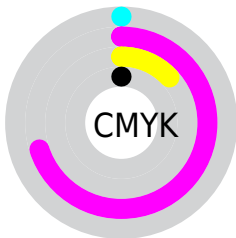
# Distribution



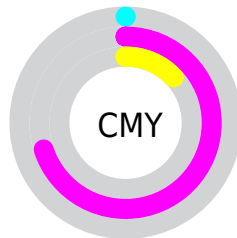
- Red (100%)
- Green (30%)
- Blue (87%)



- Red (100%)
- Yellow (30%)
- Blue (87%)



- Cyan (0%)
- Magenta (70%)
- Yellow (13%)
- Black (0%)



- Cyan (0%)
- Magenta (70%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF4DDE 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 FF4DDE by changing the saturation by 10% instead.



 FF4DDE

 FF4DDE

FFFFFF

 E027C2

 FF8BFF

 C200A6

 FFA9FF

 A5008C

 FFC7FF

 870072

 FFE5FF

 6A0059

 4F0041

 32002A

 0B0013

 000000

 FF4DDE

 FF4DDE

 FF34D9

 FF67E3

 FF1AD5

 FF80E7

 FF01D0

 FF9AEC

 FF00D0

 FFB3F1

 FFCDF6

 FFE6FA

FFFFFF

# Harmonies

## Analogous

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



A47DFE



FF4DDE



FF2B90

# Triad

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



FF4DDE



AE9A00



00BAF2

# Complementary

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



FF4DDE



4DFF6E

# 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.



00BBA4



FF4DDE



58AD00

# Square

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



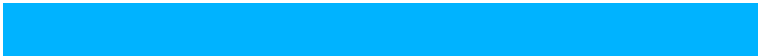
FF4DDE



ED7A00



00B750



00B3FF

# Rectangle

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



FF4DDE



FF3E5C



00B750



00BBDA



# Sweetspot

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



FF4DDE



FFC9F5



6E4DFF



80607A



000000



808080



# Same Dimension

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



FF4DDE



FF29D7



FF4D85



80737D



BF009C



400034



# Inverse Universe

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



FF4DDE



FF29D7



4DFFC7



80737D



BF009C



400034



# Previews

## White Background



This preview shows how the Hex color FF4DDE looks on a white background.

## Color Contrast Check

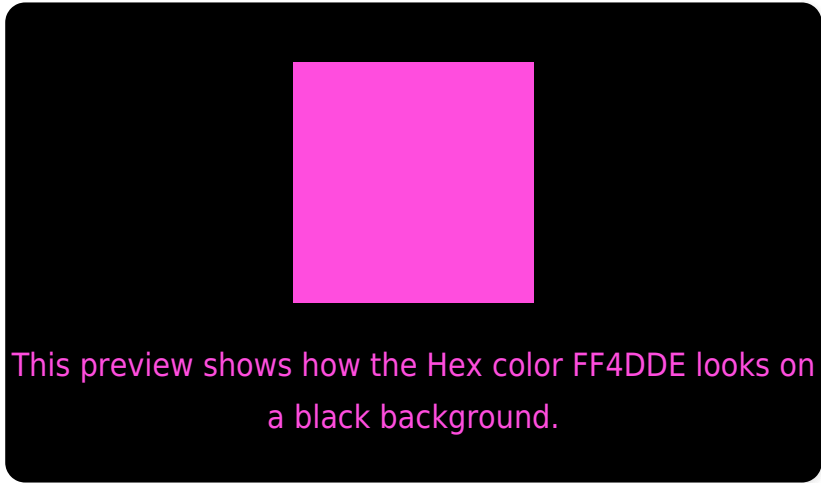
Large Text (above 18pt) WCAG AA × Fail

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 FF4DDE Background



This preview shows how black text looks on a background with the Hex color FF4DDE.



This preview shows how white text looks on a background with the Hex color FF4DDE.

# 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**  
F56D75

# Trichromacy



**Original Color**  
FF4DDE



**Protanomaly**  
A27BF3



**Deuteranomaly**  
B37CD7



**Tritanomaly**  
F9619B

# Monochromacy



**Original Color**  
FF4DDE



**Achromatopsia**  
939393



**Achromatomaly**  
BA7AAE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF4DDE 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 #FF4DDE looks like.

```
.text, #text, p{  
    color:#FF4DDE  
}
```

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 #FF4DDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4DDE
}
```

## Border

The CSS property to change the border of an element to Hex FF4DDE 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
#FF4DDE }
```

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

```
.border{ border-color:#FF4DDE }
```

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

Here you see how a box with a 4 pixel #FF4DDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4DDE; -webkit-box-shadow:4px 4px  
4px 4px #FF4DDE; box-shadow:4px 4px 4px  
4px #FF4DDE }
```

# Background

The CSS property to change the background color of an element to Hex FF4DDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4DDE }
```

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

```
.background{ background-color:#FF4DDE }
```

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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