

Converting Colors

Hex(FF4DDC)

Have a look what the booklet for
Hex(FF4DDC) contains.

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Color

Hex(**FF4DDC**)

Conversions

Conversions Part 1

Format	Color
Hex	FF4DDC
RGB	255, 77, 220
RGB Percent	100%, 30%, 86%
CMY	0.0000, 0.6980, 0.1373
CMYK	0.00, 0.70, 0.14, 0.00
HSL	312°, 100%, 65%
HSV	312°, 70%, 100%
XYZ	56.8121, 31.7351, 70.8413
YIQ	146.5240, 60.1850, 82.2090

Conversions

Conversions Part 2

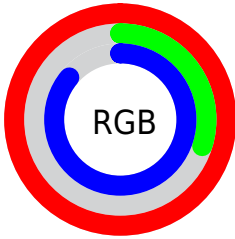
Format	Color
RYB	255, 77, 220
Decimal	16731612
CIELab	63.12, 80.13, -36.88
CIELCh	63, 88.215, 335.285
Yxy	31.7351, 0.3564, 0.1991
Android (android.graphics.Color)	4294921692 (0xFFFF4DDC)
YUV	146.5240, 36.2237, 95.1335
Hunter-Lab	56.3339, 81.4311, -35.1250

Details

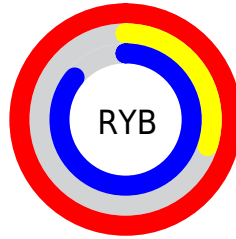
The Hex color **FF4DDC** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **4DFF70**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FF8BFF**, and **C200A5** is the 20% darker color. If you saturate the color by 10%, you get **FF34D7**, and if you desaturate by 10%, it is **FF67E1**.

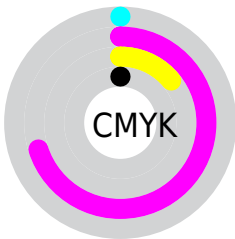
Distribution



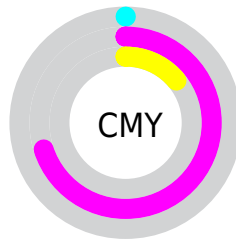
- Red (100%)
- Green (30%)
- Blue (86%)



- Red (100%)
- Yellow (30%)
- Blue (86%)



- Cyan (0%)
- Magenta (70%)
- Yellow (14%)
- Black (0%)



- Cyan (0%)
- Magenta (70%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF4DDC 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 FF4DDC by changing the saturation by 10% instead.

 FF4DDC

 FF4DDC

FFFFFF

 E027C0

 FF8BFF

 C200A5

 FFA9FF

 A5008A

 FFC7FF

 870070

 FFE5FF

 6A0057

 4F003F

 320028

 0A0012

 000000

 FF4DDC

 FF4DDC

 FF34D7

 FF67E1

 FF1AD2

 FF80E6

 FF01CD

 FF9AEB

 FF00CD

 FFB3F0

 FFCDF5

 FFE6FA

FFFFFF

Harmonies

Analogous

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



A67CFF



FF4DDC



FF2D8E

Triad

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



FF4DDC



AC9A00



00BAF2

Complementary

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



FF4DDC



4DFF70

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.



00BAA5



FF4DDC



57AD00

Square

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



FF4DDC



EB7B00



00B652



00B2FF

Rectangle

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



FF4DDC



FF405B



00B652



00BADA

Sweetspot

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



FF4DDC



FFC9F4



6E4DFF



806079



000000



808080

Same Dimension

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



FF4DDC



FF29D5



FF4D85



80737D



BF009A



400033

Inverse Universe

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



FF4DDC



FF29D5



4DFFC7



80737D



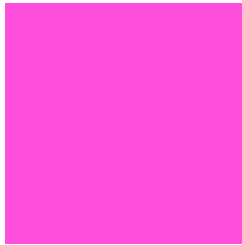
BF009A



400033

Previews

White Background



This preview shows how the Hex color FF4DDC looks on a white background.

Color Contrast Check

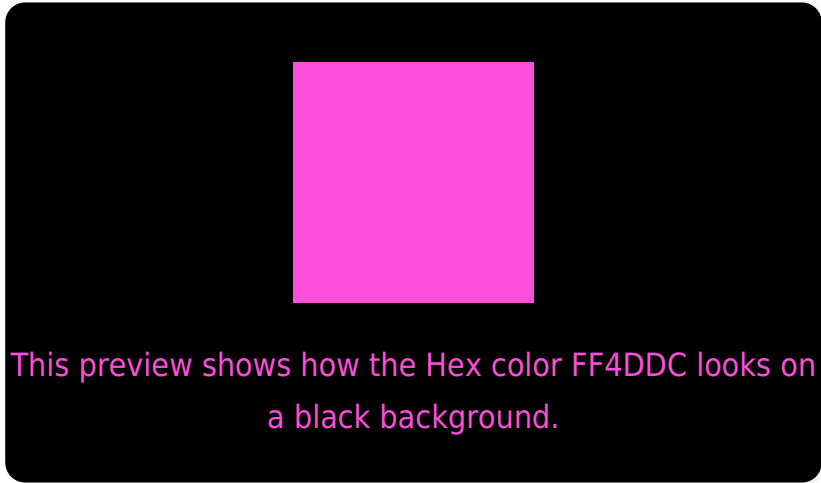
Large Text (above 18pt) WCAG AA × Fail

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 FF4DDC Background



This preview shows how black text looks on a background with the Hex color FF4DDC.

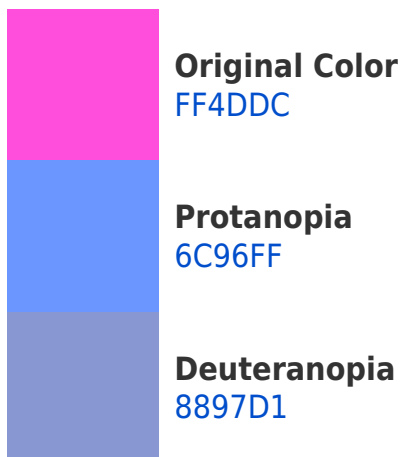


This preview shows how white text looks on a background with the Hex color FF4DDC.

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
F56D74

Trichromacy



Original Color
FF4DDC



Protanomaly
A17BF2



Deuteranomaly
B37CD5



Tritanomaly
F9619A

Monochromacy



Original Color
FF4DDC



Achromatopsia
939393



Achromatomaly
BA7AAE

CSS Examples

Text

The CSS property to change the color of the text to Hex FF4DDC 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 #FF4DDC looks like.

```
.text, #text, p{  
    color:#FF4DDC  
}
```

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 #FF4DDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4DDC
}
```

Border

The CSS property to change the border of an element to Hex FF4DDC 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
#FF4DDC }
```

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

```
.border{ border-color:#FF4DDC }
```

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

Here you see how a box with a 4 pixel #FF4DDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4DDC; -webkit-box-shadow:4px 4px  
4px 4px #FF4DDC; box-shadow:4px 4px 4px  
4px #FF4DDC }
```

Background

The CSS property to change the background color of an element to Hex FF4DDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4DDC }
```

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

```
.background{ background-color:#FF4DDC }
```

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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