

# Converting Colors

Hex(FF4DE3)

Have a look what the booklet for  
Hex(FF4DE3) contains.

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# Color

Hex(**FF4DE3**)

# Conversions

## Conversions Part 1

Format	Color
Hex	FF4DE3
RGB	255, 77, 227
RGB Percent	100%, 30%, 89%
CMY	0.0000, 0.6980, 0.1098
CMYK	0.00, 0.70, 0.11, 0.00
HSL	309°, 100%, 65%
HSV	309°, 70%, 100%
XYZ	57.7590, 32.1138, 75.8274
YIQ	147.3220, 57.9380, 84.3860

# Conversions

## Conversions Part 2

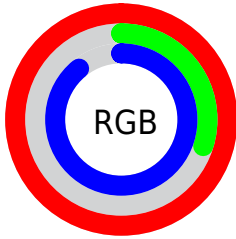
Format	Color
R <sub>Y</sub> B	255, 77, 227
Decimal	16731619
CIE Lab	63.44, 81.11, -40.32
CIE LCh	63, 90.577, 333.570
Yxy	32.1138, 0.3486, 0.1938
Android (android.graphics.Color)	4294921699 (0xFFFF4DE3)
YUV	147.3220, 39.2813, 94.4336
Hunter-Lab	56.6690, 82.7624, -39.6661

# Details

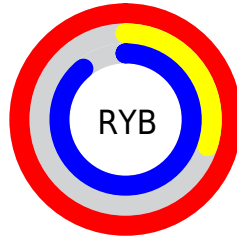
The Hex color **FF4DE3** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **4DFF69**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FF8BFF**, and **C200AB** is the 20% darker color. If you saturate the color by 10%, you get **FF34DF**, and if you desaturate by 10%, it is **FF67E7**.

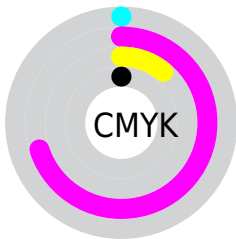
# Distribution



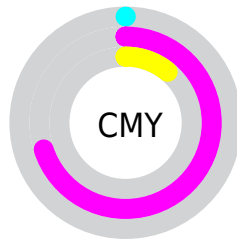
- Red (100%)
- Green (30%)
- Blue (89%)



- Red (100%)
- Yellow (30%)
- Blue (89%)



- Cyan (0%)
- Magenta (70%)
- Yellow (11%)
- Black (0%)



- Cyan (0%)
- Magenta (70%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF4DE3 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 FF4DE3 by changing the saturation by 10% instead.



 FF4DE3

 FF4DE3

FFFFFF

 E027C7

 FF8BFF

 C200AB

 FFA9FF

 A50090

 FFC7FF

 870076

 FFE5FF

 6A005D

 4F0045

 32002E

 0C0017

 000000

 FF4DE3

 FF4DE3

 FF34DF

 FF67E7

 FF1ADB

 FF80EB

 FF01D7

 FF9AEF

 FF00D7

 FFB3F3

 FFCDF7

 FFE6FB

FFFFFF

# Harmonies

## Analogous

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



9F7FFF



FF4DE3



FF2494

# Triad

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



FF4DE3



B19A00



00BBF2

# Complementary

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



FF4DE3



4DFF69

# 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.



00BCA1



FF4DE3



5CAD00

# Square

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



FF4DE3



F17900



00B74C



00B4FF

# Rectangle

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



FF4DE3



FF395F



00B74C



00BCD8



# Sweetspot

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



FF4DE3



FFC9F7



684DFF



80607A



000000



808080



# Same Dimension

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



FF4DE3



FF29DD



FF4D8B



80737D



BF00A1



400036



# Inverse Universe

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



FF4DE3



FF29DD



4DFFC1



80737D



BF00A1



400036



# Previews

## White Background



This preview shows how the Hex color FF4DE3 looks on a white background.

## Color Contrast Check

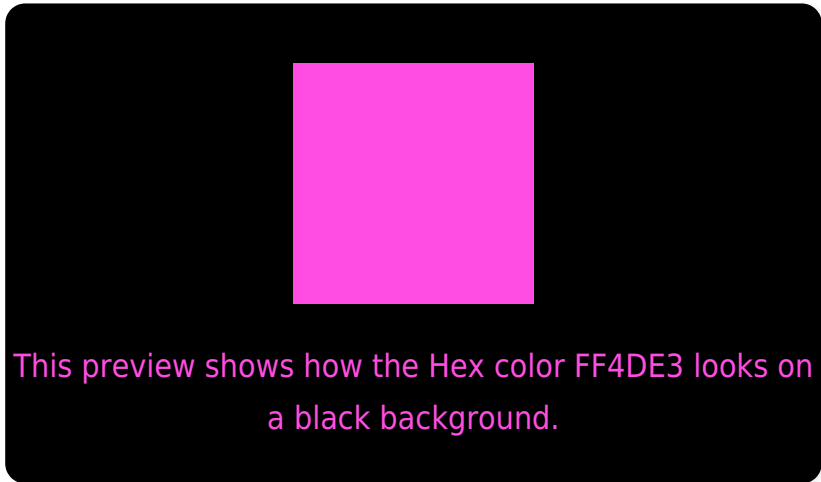
Large Text (above 18pt) WCAG AA × Fail

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 FF4DE3 Background



This preview shows how black text looks on a background with the Hex color FF4DE3.

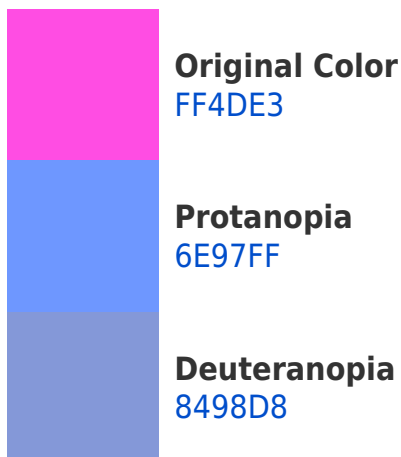


This preview shows how white text looks on a background with the Hex color FF4DE3.

# 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



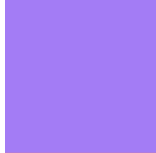


**Tritanopia**  
F46F76

# Trichromacy



**Original Color**  
FF4DE3



**Protanomaly**  
A37CF5



**Deuteranomaly**  
B17DDC



**Tritanomaly**  
F8639E

# Monochromacy



**Original Color**  
FF4DE3



**Achromatopsia**  
939393



**Achromatomaly**  
BA7AB0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF4DE3 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 #FF4DE3 looks like.

```
.text, #text, p{  
    color:#FF4DE3  
}
```

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 #FF4DE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4DE3
}
```

## Border

The CSS property to change the border of an element to Hex FF4DE3 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
#FF4DE3 }
```

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

```
.border{ border-color:#FF4DE3 }
```

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

Here you see how a box with a 4 pixel #FF4DE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4DE3; -webkit-box-shadow:4px 4px  
4px 4px #FF4DE3; box-shadow:4px 4px 4px  
4px #FF4DE3 }
```

# Background

The CSS property to change the background color of an element to Hex FF4DE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4DE3 }
```

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

```
.background{ background-color:#FF4DE3 }
```

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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