

# Converting Colors

Hex(FF4DEB)

Have a look what the booklet for  
Hex(FF4DEB) contains.

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**Color**

**Hex(F4DEB)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | FF4DEB                     |
| RGB         | 255, 77, 235               |
| RGB Percent | 100%, 30%, 92%             |
| CMY         | 0.0000, 0.6980, 0.0784     |
| CMYK        | 0.00, 0.70, 0.08, 0.00     |
| HSL         | 307°, 100%, 65%            |
| HSV         | 307°, 70%, 100%            |
| XYZ         | 58.8893, 32.5659, 81.7793  |
| YIQ         | 148.2340, 55.3700, 86.8740 |

# Conversions

## Conversions Part 2

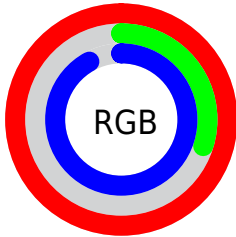
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">255, 77, 235</a>                   |
| Decimal                             | <a href="#">16731627</a>                       |
| CIELab                              | <a href="#">63.81, 82.26, -44.20</a>           |
| CIELCh                              | <a href="#">64, 93.378, 331.749</a>            |
| Yxy                                 | <a href="#">32.5659, 0.3399,<br/>0.1880</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4294921707<br/>(0xFFFF4DEB)</a>    |
| YUV                                 | <a href="#">148.2340, 42.7756,<br/>93.6338</a> |
| Hunter-Lab                          | <a href="#">57.0666, 84.3349,<br/>-45.0190</a> |

# Details

The Hex color **FF4DEB** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **4DFF61**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FF8CFF**, and **C200B3** is the 20% darker color. If you saturate the color by 10%, you get **FF34E8**, and if you desaturate by 10%, it is **FF67EE**.

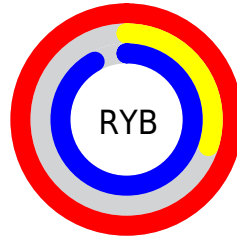
# Distribution



Red (100%)

Green (30%)

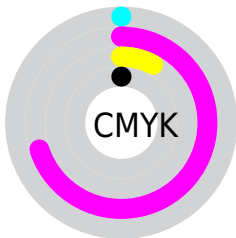
Blue (92%)



Red (100%)

Yellow (30%)

Blue (92%)

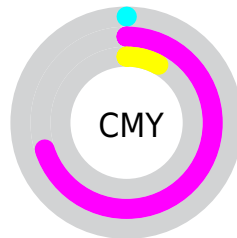


Cyan (0%)

Magenta (70%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (70%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF4DEB 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 FF4DEB by changing the saturation by 10% instead.



 FF4DEB

 FF4DEB

FFFFFF

 E026CE

 FF8CFF

 C200B3

 FFAAFF

 A50097

 FFC8FF

 87007D

 FFE6FF

 6A0064

 4E004B

 320033

 0D001D

 000000

 FF4DEB

 FF4DEB

 FF34E8

 FF67EE

 FF1AE5

 FF80F1

 FF01E2

 FF9AF4

 FF00E2

 FFB3F6

 FFCDF9

 FFE6FC

FFFFFF

# Harmonies

## Analogous

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



9681FF



FF4DEB



FF179A

# Triad

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



FF4DEB



B79900



00BDF1

# Complementary

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



FF4DEB



4DFF61

# 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.



00BD9D



FF4DEB



60AE00

# Square

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



FF4DEB



F77600



00B944



00B7FF

# Rectangle

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



FF4DEB



FF2F63



00B944



00BED6



# Sweetspot

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



FF4DEB



FFC9F9



5F4DFF



80607C



000000



808080



# Same Dimension

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



FF4DEB



FF29E7



FF4D94



80737E



BF00AA



400039



# Inverse Universe

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



FF4DEB



FF29E7



4DFFB8



80737E



BF00AA



400039



# Previews

## White Background



This preview shows how the Hex color FF4DEB looks on a white background.

## Color Contrast Check

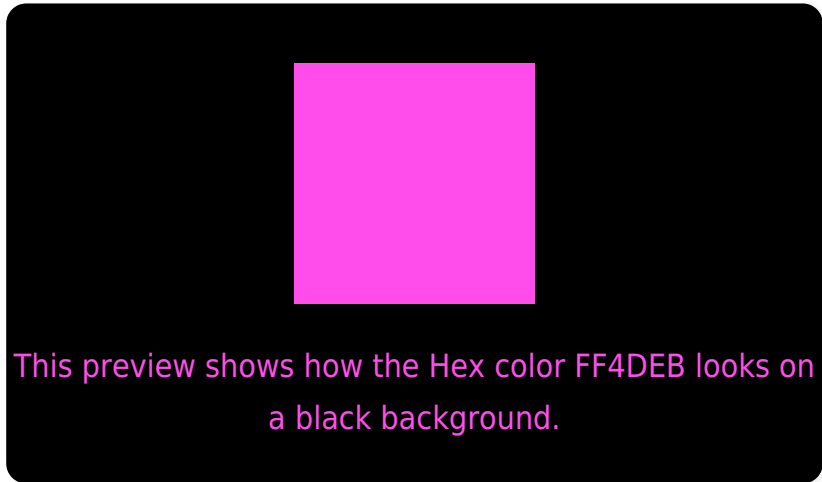
Large Text (above 18pt) WCAG AA × Fail

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 FF4DEB Background



This preview shows how black text looks on a background with the Hex color FF4DEB.

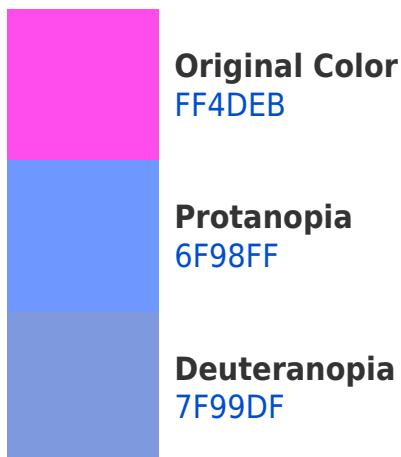


This preview shows how white text looks on a background with the Hex color FF4DEB.

# 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**  
F37179

# Trichromacy



**Original Color**  
FF4DEB



**Protanomaly**  
A37DF8



**Deuteranomaly**  
AE7DE3



**Tritanomaly**  
F764A2

# Monochromacy



**Original Color**  
FF4DEB



**Achromatopsia**  
949494



**Achromatomaly**  
BB7AB4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF4DEB 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 #FF4DEB looks like.

```
.text, #text, p{  
    color:#FF4DEB  
}
```

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 #FF4DEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4DEB
}
```

## Border

The CSS property to change the border of an element to Hex FF4DEB 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
#FF4DEB }
```

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

```
.border{ border-color:#FF4DEB }
```

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

Here you see how a box with a 4 pixel #FF4DEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4DEB; -webkit-box-shadow:4px 4px  
4px 4px #FF4DEB; box-shadow:4px 4px 4px  
4px #FF4DEB }
```

# Background

The CSS property to change the background color of an element to Hex FF4DEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4DEB }
```

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

```
.background{ background-color:#FF4DEB }
```

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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