

# Converting Colors

Hex(FE67D9)

Have a look what the booklet for  
Hex(FE67D9) contains.

<b>Hex(FE67D9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(FE67D9)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FE67D9
RGB	254, 103, 217
RGB Percent	100%, 40%, 85%
CMY	0.0039, 0.5961, 0.1490
CMYK	0.00, 0.59, 0.15, 0.00
HSL	315°, 99%, 70%
HSV	315°, 59%, 100%
XYZ	58.2477, 35.7811, 69.4821
YIQ	161.1450, 53.4020, 67.4660

# Conversions

## Conversions Part 2

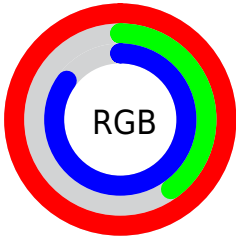
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">254, 103, 217</a>
Decimal	<a href="#">16672729</a>
CIELab	<a href="#">66.35, 69.73, -30.20</a>
CIELCh	<a href="#">66, 75.993, 336.584</a>
Yxy	<a href="#">35.7811, 0.3562, 0.2188</a>
Android (android.graphics.Color)	<a href="#">4294862809 (0xFFFE67D9)</a>
YUV	<a href="#">161.1450, 27.5365, 81.4338</a>
Hunter-Lab	<a href="#">59.8173, 69.1359, -26.9975</a>

# Details

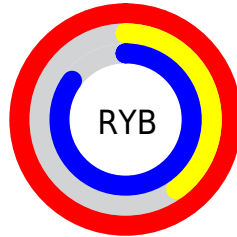
The Hex color **FE67D9** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **67FE8C**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFA1FF**, and **C227A2** is the 20% darker color. If you saturate the color by 10%, you get **FE4ED3**, and if you desaturate by 10%, it is **FE80DF**.

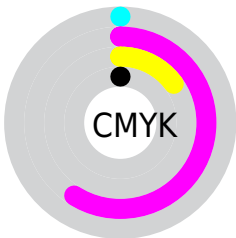
# Distribution



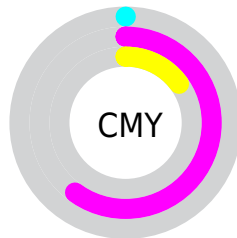
- Red (100%)
- Green (40%)
- Blue (85%)



- Red (100%)
- Yellow (40%)
- Blue (85%)



- Cyan (0%)
- Magenta (59%)
- Yellow (15%)
- Black (0%)



- Cyan (0%)
- Magenta (60%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FE67D9 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 FE67D9 by changing the saturation by 10% instead.



 FE67D9

 FE67D9

FFFFFF

 E049BD

 FFA1FF

 C227A2

 FFBEFF

 A50087

 FFDBFF

 88006E

 FFF9FF

 6C0055

 50003D

 360027

 130010

 000000

 FE67D9

 FE67D9

 FE4ED3

 FE80DF

 FE34CD

 FE9AE5

 FE1BC6

 FEB3EC

 FE01C0

 FECDF2

 FE00C0

 FEE6F8

FEFFFE

FEFFFF

# Harmonies

## Analogous

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



B588FF



FE67D9



FF5895

# Triad

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



FE67D9



B3A300



00BFF1

# Complementary

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



FE67D9



67FE8C

# 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.



00C0AF



FE67D9



6BB422

# Square

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



FE67D9



EB8A11



00BD68



00B7FF

# Rectangle

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



FE67D9



FF6269



00BD68



00C0DD



# Sweetspot

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



FE67D9



FFD1F4



8A67FE



806379



000000



808080



# Same Dimension

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



FE67D9



FF4AD3



FE678F



80737C



BF0090



400030



# Inverse Universe

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



FE67D9



FF4AD3



67FED6



80737C



BF0090

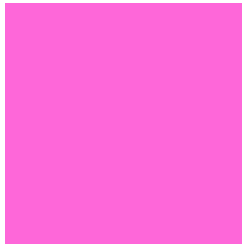


400030



# Previews

## White Background



This preview shows how the Hex color FE67D9 looks on a white background.

## Color Contrast Check

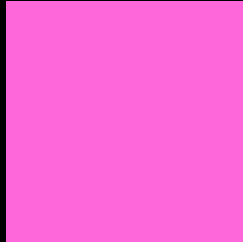
Large Text (above 18pt) WCAG AA × Fail

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 FE67D9 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 FE67D9 Background



This preview shows how black text looks on a background with the Hex color FE67D9.

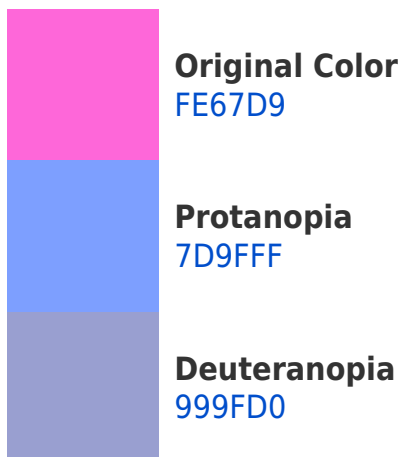


This preview shows how white text looks on a background with the Hex color FE67D9.

# 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**  
F67C85

# Trichromacy



**Original Color**  
FE67D9



**Protanomaly**  
AC8BF1



**Deuteranomaly**  
BE8BD3



**Tritanomaly**  
F974A4

# Monochromacy



**Original Color**  
FE67D9



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
C38CB5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FE67D9 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 #FE67D9 looks like.

```
.text, #text, p{  
    color:#FE67D9  
}
```

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 #FE67D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE67D9
}
```

## Border

The CSS property to change the border of an element to Hex FE67D9 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
#FE67D9 }
```

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

```
.border{ border-color:#FE67D9 }
```

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

Here you see how a box with a 4 pixel #FE67D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE67D9; -webkit-box-shadow:4px 4px  
4px 4px #FE67D9; box-shadow:4px 4px 4px  
4px #FE67D9 }
```

# Background

The CSS property to change the background color of an element to Hex FE67D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE67D9 }
```

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

```
.background{ background-color:#FE67D9 }
```

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