

Converting Colors

Hex(FF0081)

Have a look what the booklet for
Hex(FF0081) contains.

Hex(FF0081)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(F0081)

Conversions

Conversions Part 1

Format	Color
Hex	FF0081
RGB	255, 0, 129
RGB Percent	100%, 0%, 51%
CMY	0.0000, 1.0000, 0.4941
CMYK	0.00, 1.00, 0.49, 0.00
HSL	330°, 100%, 50%
HSV	330°, 100%, 100%
XYZ	45.2024, 22.8450, 22.7960
YIQ	90.9510, 110.5710, 94.1790

Conversions

Conversions Part 2

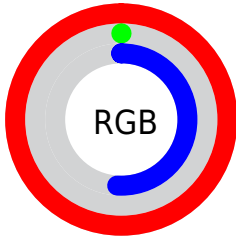
Format	Color
RYB	255, 0, 129
Decimal	16711809
CIELab	54.91, 84.62, 3.50
CIElCh	55, 84.697, 2.371
Yxy	22.8450, 0.4976, 0.2515
Android (android.graphics.Color)	4294901889 (0xFFFF0081)
YUV	90.9510, 18.7582, 143.8710
Hunter-Lab	47.7964, 85.1688, 5.1798

Details

The Hex color **FF0081** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **00FF7E**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF64B6**, and **BF0050** is the 20% darker color. If you saturate the color by 10%, you get **FF0081**, and if you desaturate by 10%, it is **FF198E**.

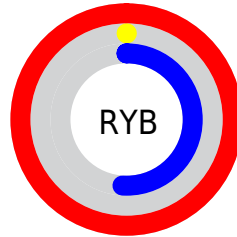
Distribution



Red (100%)

Green (0%)

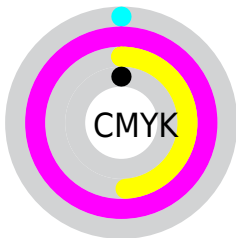
Blue (51%)



Red (100%)

Yellow (0%)

Blue (51%)

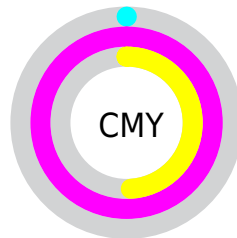


Cyan (0%)

Magenta (100%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (100%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF0081 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 FF0081 by changing the saturation by 10% instead.

 FF0081

 FF0081

FFFFFF

 DF0068

 FF64B6

 BF0050

 FF84D1

 A0003A

 FFA3ED

 800025

 FFC1FF

 62000F

 FFE0FF

 430003

 210001

 000000

 FF0081

 FF198E

 FF339A

 FF4DA7

 FF66B3

 FF80C0

 FF99CD

 FFB3D9

 FFCCE6

 FFE6F2

Harmonies

Analogous

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



DD3CC9



FF0081



F83539

Triad

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



FF0081



4D9500



009CFF

Complementary

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



FF0081



00FF7E

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.



00A2D1



FF0081



009E39

Square

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



FF0081



9A8300



00A287



008CFF

Rectangle

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



FF0081



E25600



00A287



009FF8

Sweetspot

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



FF0081



FFB3D9



7B00FF



805269



000000



808080

Same Dimension

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



FF0081



FF0004



807379



BF0061



400020

Inverse Universe

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



FF0081



00FFFB



807379



BF0061



400020

Previews

White Background



This preview shows how the Hex color FF0081 looks on a white background.

Color Contrast Check

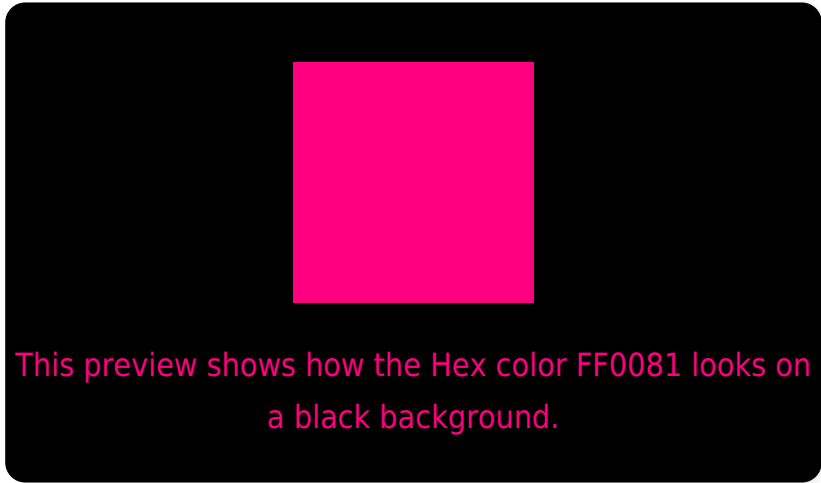
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex FF0081 Background



This preview shows how black text looks on a background with the Hex color FF0081.



This preview shows how white text looks on a background with the Hex color FF0081.

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



Original Color
FF0081

Protanopia
7483BA

Deuteranopia
978076



Tritanopia
FB3333

Trichromacy



Original Color
FF0081



Protanomaly
A753A5



Deuteranomaly
BD517A



Tritanomaly
FC204F

Monochromacy



Original Color
FF0081



Achromatopsia
5B5B5B



Achromatomaly
973A69

CSS Examples

Text

The CSS property to change the color of the text to Hex FF0081 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 #FF0081 looks like.

```
.text, #text, p{  
    color:#FF0081  
}
```

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 #FF0081 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0081
}
```

Border

The CSS property to change the border of an element to Hex FF0081 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
#FF0081 }
```

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

```
.border{ border-color:#FF0081 }
```

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

Here you see how a box with a 4 pixel #FF0081 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0081; -webkit-box-shadow:4px 4px  
4px 4px #FF0081; box-shadow:4px 4px 4px  
4px #FF0081 }
```

Background

The CSS property to change the background color of an element to Hex FF0081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0081 }
```

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

```
.background{ background-color:#FF0081 }
```

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