

# Converting Colors

Hex(F7229D)

Have a look what the booklet for  
Hex(F7229D) contains.

<b>Hex(F7229D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(F7229D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7229D
RGB	247, 34, 157
RGB Percent	97%, 13%, 62%
CMY	0.0314, 0.8667, 0.3843
CMYK	0.00, 0.86, 0.36, 0.03
HSL	325°, 93%, 55%
HSV	325°, 86%, 97%
XYZ	45.0156, 23.3525, 34.0332
YIQ	111.7090, 87.4650, 83.4090

# Conversions

## Conversions Part 2

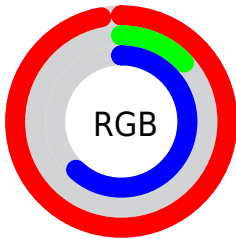
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 34, 157
Decimal	16196253
CIE <sub>Lab</sub>	55.43, 81.84, -12.57
CIE <sub>LCh</sub>	55, 82.799, 351.269
Yxy	23.3525, 0.4396, 0.2280
Android (android.graphics.Color)	4294386333 (0xFFFF7229D)
YUV	111.7090, 22.3285, 118.6502
Hunter-Lab	48.3245, 81.7100, -7.9287

# Details

The Hex color **F7229D** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **22F77C**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF6DD4**, and **B9006A** is the 20% darker color. If you saturate the color by 10%, you get **F70993**, and if you desaturate by 10%, it is **F73BA7**.

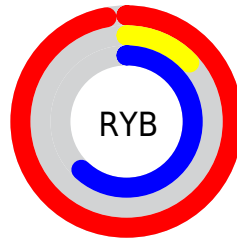
# Distribution



Red (97%)

Green (13%)

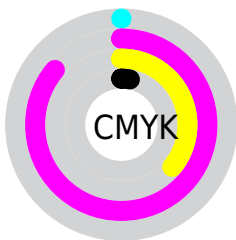
Blue (62%)



Red (97%)

Yellow (13%)

Blue (62%)

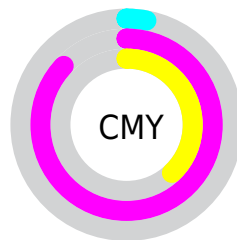


Cyan (0%)

Magenta (86%)

Yellow (36%)

Black (3%)



Cyan (3%)

Magenta (87%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7229D 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 F7229D by changing the saturation by 10% instead.



 F7229D

 F7229D

FFFFFF

 D80083

 FF6DD4

 B9006A

 FF8CF0

 9A0052

 FFAAFF

 7C003B

 FFC8FF

 5E0025

 FFE7FF

 42000E

 210001

 000000

 F7229D

 F7229D

 F70993

 F73BA7

 F7008F

 F753B2

 F76CBC

 F785C7

 F79DD1

 F7B6DC

 F7CFE6

 F7E8F0

 F7FFFB

# Harmonies

## Analogous

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



C453E0



F7229D



FE2956

# Triad

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



F7229D



709000



00A0F5

# Complementary

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



F7229D



22F77C

# 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.



00A3B7



F7229D



009C1B

# Square

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



F7229D



B27A00



00A26D



0094FF

# Rectangle

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



F7229D



F04927



00A26D



00A2E3



# Sweetspot

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



F7229D



FFBDE3



7B22F7



80586F



000000



808080



# Same Dimension

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



F7229D



FF0093



F72234



7A6E75



BA006B



3B0022



# Inverse Universe

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



F7229D



FF0093



22F7E5



7A6E75



BA006B



3B0022



# Previews

## White Background



This preview shows how the Hex color F7229D looks on a white background.

## Color Contrast Check

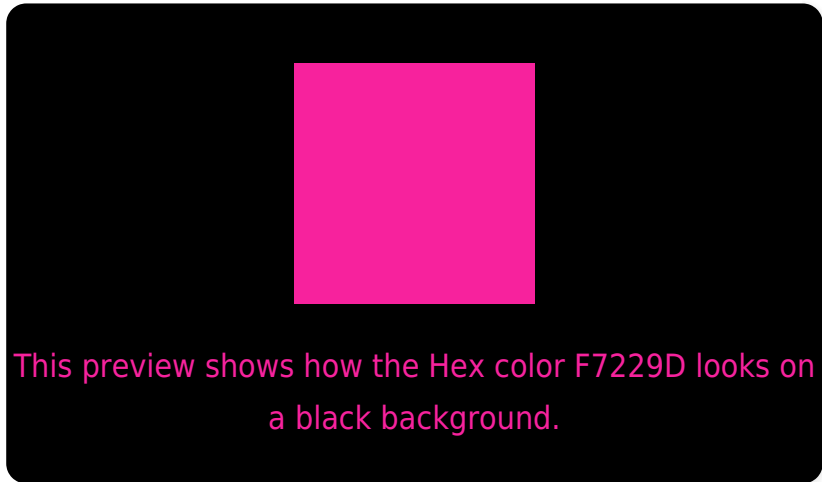
Large Text (above 18pt) WCAG AA ✓ Pass

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 F7229D Background



This preview shows how black text looks on a background with the Hex color F7229D.



This preview shows how white text looks on a background with the Hex color F7229D.

# 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**  
F7229D

**Protanopia**  
6283DB

**Deuteranopia**  
8C8292



**Tritanopia**  
F14447

# Trichromacy



**Original Color**  
F7229D



**Protanomaly**  
9860C4



**Deuteranomaly**  
B35F96



**Tritanomaly**  
F33866

# Monochromacy



**Original Color**  
F7229D



**Achromatopsia**  
707070



**Achromatomaly**  
A15480

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7229D 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 #F7229D looks like.

```
.text, #text, p{  
    color:#F7229D  
}
```

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 #F7229D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7229D
}
```

## Border

The CSS property to change the border of an element to Hex F7229D 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
#F7229D }
```

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

```
.border{ border-color:#F7229D }
```

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

Here you see how a box with a 4 pixel #F7229D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7229D; -webkit-box-shadow:4px 4px  
4px 4px #F7229D; box-shadow:4px 4px 4px  
4px #F7229D }
```

# Background

The CSS property to change the background color of an element to Hex F7229D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7229D }
```

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

```
.background{ background-color:#F7229D }
```

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**