

Converting Colors

Hex(F7208D)

Have a look what the booklet for
Hex(F7208D) contains.

Hex(F7208D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F7208D)

Conversions

Conversions Part 1

Format	Color
Hex	F7208D
RGB	247, 32, 141
RGB Percent	97%, 13%, 55%
CMY	0.0314, 0.8745, 0.4471
CMYK	0.00, 0.87, 0.43, 0.03
HSL	330°, 93%, 55%
HSV	330°, 87%, 97%
XYZ	43.6820, 22.7303, 27.2844
YIQ	108.7110, 93.1510, 79.4790

Conversions

Conversions Part 2

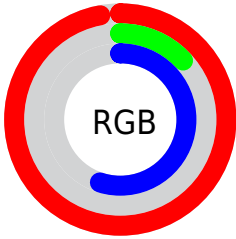
Format	Color
R _Y B	247, 32, 141
Decimal	16195725
CIE Lab	54.79, 80.71, -4.03
CIE LCh	55, 80.812, 357.140
Yxy	22.7303, 0.4662, 0.2426
Android (android.graphics.Color)	4294385805 (0xFFFF7208D)
YUV	108.7110, 15.9185, 121.2795
Hunter-Lab	47.6763, 80.1120, -0.5574

Details

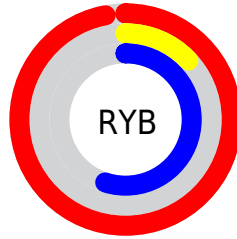
The Hex color **F7208D** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **20F78A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF6BC2**, and **B8005B** is the 20% darker color. If you saturate the color by 10%, you get **F70781**, and if you desaturate by 10%, it is **F73999**.

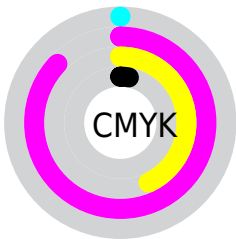
Distribution



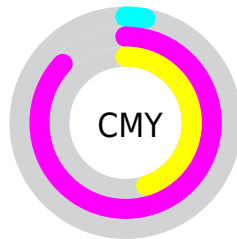
- Red (97%)
- Green (13%)
- Blue (55%)



- Red (97%)
- Yellow (13%)
- Blue (55%)



- Cyan (0%)
- Magenta (87%)
- Yellow (43%)
- Black (3%)



- Cyan (3%)
- Magenta (87%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color F7208D 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 F7208D by changing the saturation by 10% instead.

 F7208D

 F7208D

FFFFFF

 D80074

 FF6BC2

 B8005B

 FF8ADE

 9A0044

 FFA9FB

 7B002E

 FFC7FF

 5D001A

 FFE5FF

 400003

 1D0001

 000000

 F7208D

 F7208D

 F70781

 F73999

 F7007D

 F751A5

 F76AB2

 F783BE

 F79BCA

 F7B4D6

 F7CDE2

 F7E6EE

 F7FEFB

Harmonies

Analogous

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



CE4BD0



F7208D



F73448

Triad

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



F7208D



609100



009CF9

Complementary

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



F7208D



20F78A

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.



00A1C2



F7208D



009C2F

Square

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



F7208D



A57E00



00A07A



008EFF

Rectangle

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



F7208D



E55218



00A07A



009FE9

Sweetspot

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



F7208D



FFBDDE



8820F7



80586C



000000



808080

Same Dimension

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



F7208D



FF0081



F72024



7A6E74



BA005E



3B001E

Inverse Universe

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



F7208D



FF0081



20F7F3



7A6E74



BA005E



3B001E

Previews

White Background



This preview shows how the Hex color F7208D looks on a white background.

Color Contrast Check

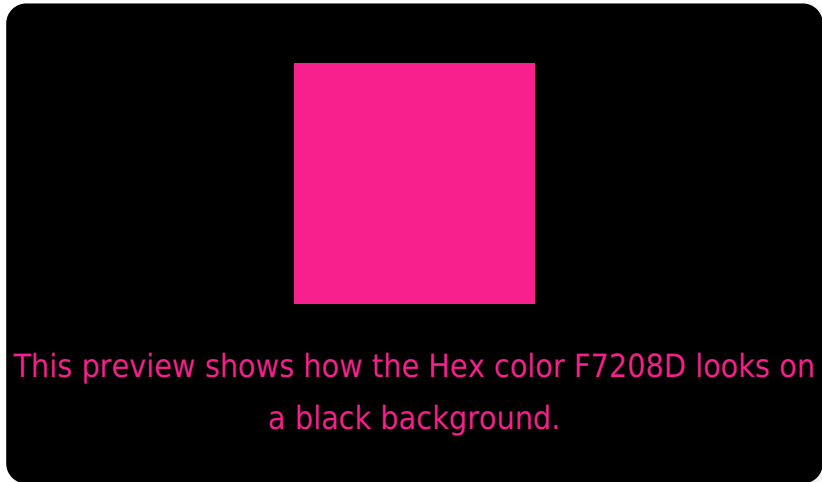
Large Text (above 18pt) WCAG AA ✓ Pass

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 F7208D Background



This preview shows how black text looks on a background with the Hex color F7208D.



This preview shows how white text looks on a background with the Hex color F7208D.

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
F33E40

Trichromacy



Original Color
F7208D



Protanomaly
9F5EB1



Deuteranomaly
B65C87



Tritanomaly
F4335C

Monochromacy



Original Color
F7208D



Achromatopsia
6D6D6D



Achromatomaly
9F5179

CSS Examples

Text

The CSS property to change the color of the text to Hex F7208D 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 #F7208D looks like.

```
.text, #text, p{  
    color:#F7208D  
}
```

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 #F7208D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7208D
}
```

Border

The CSS property to change the border of an element to Hex F7208D 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
#F7208D }
```

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

```
.border{ border-color:#F7208D }
```

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

Here you see how a box with a 4 pixel #F7208D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7208D; -webkit-box-shadow:4px 4px  
4px 4px #F7208D; box-shadow:4px 4px 4px  
4px #F7208D }
```

Background

The CSS property to change the background color of an element to Hex F7208D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7208D }
```

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

```
.background{ background-color:#F7208D }
```

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