

# Converting Colors

Hex(FF208F)

Have a look what the booklet for  
Hex(FF208F) contains.

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# Color

**Hex(F208F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF208F
RGB	255, 32, 143
RGB Percent	100%, 13%, 56%
CMY	0.0000, 0.8745, 0.4392
CMYK	0.00, 0.87, 0.44, 0.00
HSL	330°, 100%, 56%
HSV	330°, 87%, 100%
XYZ	46.7144, 24.2762, 28.2102
YIQ	111.3310, 97.2770, 81.7970

# Conversions

## Conversions Part 2

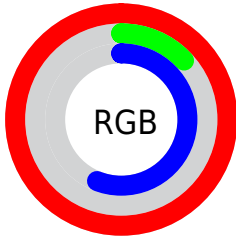
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 32, 143
Decimal	16720015
CIE <sub>Lab</sub>	56.36, 82.67, -2.74
CIE <sub>LCh</sub>	56, 82.720, 358.104
Yxy	24.2762, 0.4709, 0.2447
Android (android.graphics.Color)	4294910095 (0xFFFF208F)
YUV	111.3310, 15.6128, 125.9977
Hunter-Lab	49.2709, 83.0144, 0.5429

# Details

The Hex color **FF208F** 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 **20FF90**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF6DC5**, and **C0005D** is the 20% darker color. If you saturate the color by 10%, you get **FF0782**, and if you desaturate by 10%, it is **FF399C**.

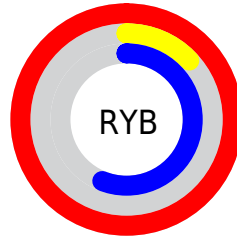
# Distribution



Red (100%)

Green (13%)

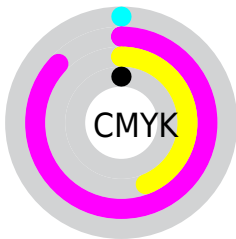
Blue (56%)



Red (100%)

Yellow (13%)

Blue (56%)

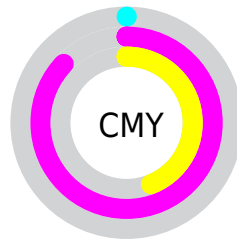


Cyan (0%)

Magenta (87%)

Yellow (44%)

Black (0%)



Cyan (0%)

Magenta (87%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF208F 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 FF208F by changing the saturation by 10% instead.



 FF208F

 FF208F

FFFFFF

 DF0076

 FF6DC5

 C0005D

 FF8CE0

 A10046

 FFABFD

 820030

 FFC9FF

 63001B

 FFE8FF

 460004

 250001

 000000

 FF208F

 FF208F

■ FF0782

■ FF399C

■ FF007F

■ FF53A9

■ FF6CB5

■ FF86C2

■ FFA0CF

■ FFB9DC

■ FFD3E9

■ FFECF5

FFFFFF

# Harmonies

## Analogous

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



D74BD5



FF208F



FE3848

# Triad

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



FF208F



619600



00A1FF

# Complementary

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



FF208F



20FF90

# 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.



00A6CA



FF208F



00A133

# Square

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



FF208F



A88300



00A580



0092FF

# Rectangle

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



FF208F



EB5615



00A580



00A3F2



# Sweetspot

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



FF208F



FFBDDE



9020FF



80586C



000000



808080



# Same Dimension

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



FF208F



FF007F



FF2020



807379



BF005F



400020



# Inverse Universe

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



FF208F



FF007F



20FFFF



807379



BF005F



400020



# Previews

## White Background



This preview shows how the Hex color FF208F looks on a white background.

## Color Contrast Check

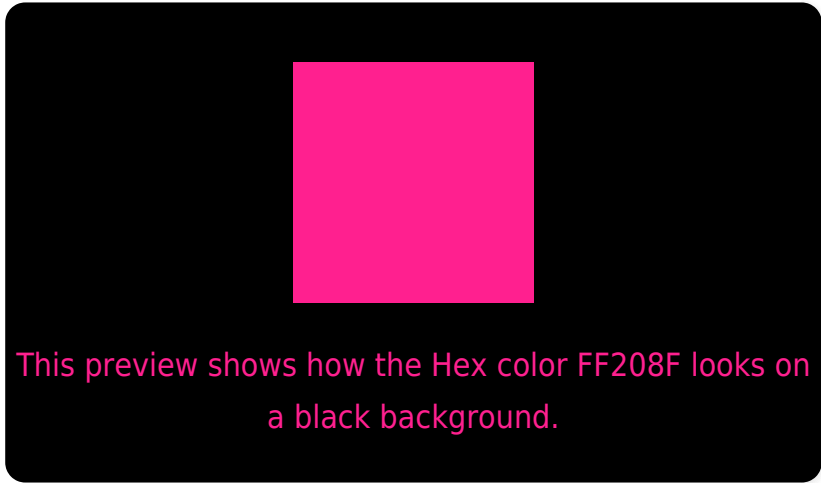
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF208F Background



This preview shows how black text looks on a background with the Hex color FF208F.



This preview shows how white text looks on a background with the Hex color FF208F.

# 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**  
FB3F40

# Trichromacy



**Original Color**  
FF208F



**Protanomaly**  
A560B4



**Deuteranomaly**  
BC5F88



**Tritanomaly**  
FC345D

# Monochromacy



**Original Color**  
FF208F



**Achromatopsia**  
6F6F6F



**Achromatomaly**  
A3527B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF208F 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 #FF208F looks like.

```
.text, #text, p{  
    color:#FF208F  
}
```

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 #FF208F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF208F
}
```

## Border

The CSS property to change the border of an element to Hex FF208F 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
#FF208F }
```

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

```
.border{ border-color:#FF208F }
```

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

Here you see how a box with a 4 pixel #FF208F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF208F; -webkit-box-shadow:4px 4px  
4px 4px #FF208F; box-shadow:4px 4px 4px  
4px #FF208F }
```

# Background

The CSS property to change the background color of an element to Hex FF208F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF208F }
```

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

```
.background{ background-color:#FF208F }
```

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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