

# Converting Colors

Hex(FF258A)

Have a look what the booklet for  
Hex(FF258A) contains.

<b>Hex(FF258A)</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(F F 2 5 8 A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF258A
RGB	255, 37, 138
RGB Percent	100%, 15%, 54%
CMY	0.0000, 0.8549, 0.4588
CMYK	0.00, 0.85, 0.46, 0.00
HSL	332°, 100%, 57%
HSV	332°, 85%, 100%
XYZ	46.4890, 24.4181, 26.3077
YIQ	113.6960, 97.5070, 77.6270

# Conversions

## Conversions Part 2

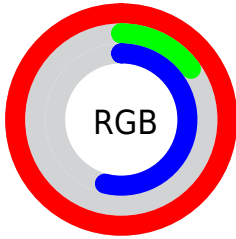
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 37, 138
Decimal	16721290
CIE <sub>Lab</sub>	56.50, 81.43, 0.44
CIE <sub>LCh</sub>	57, 81.433, 0.309
Yxy	24.4181, 0.4782, 0.2512
Android (android.graphics.Color)	4294911370 (0xFFFF258A)
YUV	113.6960, 11.9819, 123.9236
Hunter-Lab	49.4147, 81.4559, 3.0251

# Details

The Hex color **FF258A** 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 **25FF9A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF6FBF**, and **C00058** is the 20% darker color. If you saturate the color by 10%, you get **FF0C7C**, and if you desaturate by 10%, it is **FF3F98**.

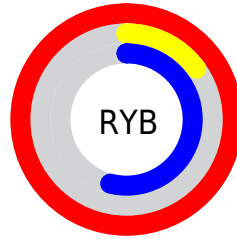
# Distribution



Red (100%)

Green (15%)

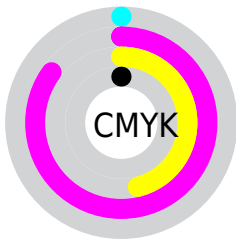
Blue (54%)



Red (100%)

Yellow (15%)

Blue (54%)

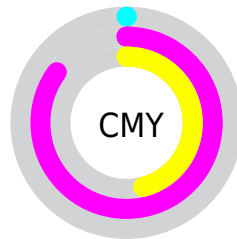


Cyan (0%)

Magenta (85%)

Yellow (46%)

Black (0%)



Cyan (0%)

Magenta (85%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF258A 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 FF258A by changing the saturation by 10% instead.



 FF258A

 FF258A

FFFFFF

 DF0071

 FF6FBF

 C00058

 FF8EDB

 A10041

 FFACF7

 82002C

 FFCBFF

 630018

 FFE9FF

 460003

 250001

 000000

 FF258A

 FF258A

 FF0C7C

 FF3F98

 FF0076

 FF58A5

 FF72B3

 FF8BC1

 FFA5CE

 FFBEDC

 FFD8EA

 FFF1F7

FFFFFF

# Harmonies

## Analogous

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



DB4ACF



FF258A



FB3E45

# Triad

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



FF258A



5C9700



00A0FF

# Complementary

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



FF258A



25FF9A

# 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.



00A6CE



FF258A



00A13B

# Square

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



FF258A



A38500



00A586



0091FF

# Rectangle

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



FF258A



E75A11



00A586



00A3F4



# Sweetspot

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



FF258A



FFBDDB



9925FF



80586A



000000



808080



# Same Dimension

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



FF258A



FF0076



FF2C25



807379



BF0059



40001E



# Inverse Universe

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



FF258A



FF0076



25F8FF



807379



BF0059



40001E



# Previews

## White Background



This preview shows how the Hex color FF258A looks on a white background.

## Color Contrast Check

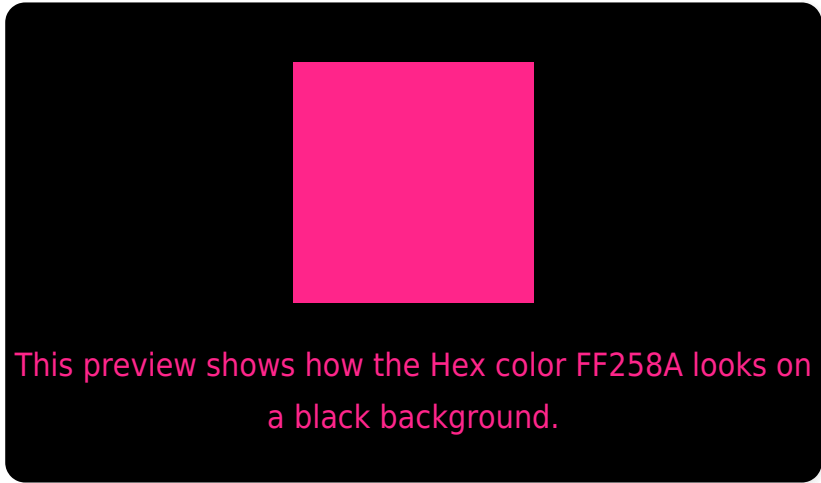
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF258A Background



This preview shows how black text looks on a background with the Hex color FF258A.



This preview shows how white text looks on a background with the Hex color FF258A.

# 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**  
FB3F41

# Trichromacy



**Original Color**  
FF258A



**Protanomaly**  
A863AD



**Deuteranomaly**  
BD6184



**Tritanomaly**  
FC365C

# Monochromacy



**Original Color**  
FF258A



**Achromatopsia**  
727272



**Achromatomaly**  
A5567B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF258A 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 #FF258A looks like.

```
.text, #text, p{  
    color:#FF258A  
}
```

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 #FF258A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF258A
}
```

## Border

The CSS property to change the border of an element to Hex FF258A 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
#FF258A }
```

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

```
.border{ border-color:#FF258A }
```

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

Here you see how a box with a 4 pixel #FF258A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF258A; -webkit-box-shadow:4px 4px  
4px 4px #FF258A; box-shadow:4px 4px 4px  
4px #FF258A }
```

# Background

The CSS property to change the background color of an element to Hex FF258A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF258A }
```

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

```
.background{ background-color:#FF258A }
```

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**