

Converting Colors

Hex(FF168B)

Have a look what the booklet for
Hex(FF168B) contains.

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Color

Hex(F168B)

Conversions

Conversions Part 1

Format	Color
Hex	FF168B
RGB	255, 22, 139
RGB Percent	100%, 9%, 55%
CMY	0.0000, 0.9137, 0.4549
CMYK	0.00, 0.91, 0.45, 0.00
HSL	330°, 100%, 54%
HSV	330°, 91%, 100%
XYZ	46.1871, 23.6979, 26.5659
YIQ	105.0050, 101.3110, 85.7830

Conversions

Conversions Part 2

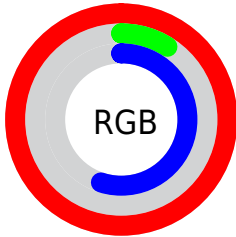
Format	Color
R_{YB}	255, 22, 139
Decimal	16717451
CIE _{Lab}	55.78, 83.68, -1.21
CIE _{LCh}	56, 83.690, 359.173
Yxy	23.6979, 0.4789, 0.2457
Android (android.graphics.Color)	4294907531 (0xFFFF168B)
YUV	105.0050, 16.7595, 131.5456
Hunter-Lab	48.6805, 84.1665, 1.7206

Details

The Hex color **FF168B** 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 **16FF8A**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF69C0**, and **C00059** is the 20% darker color. If you saturate the color by 10%, you get **FF0080**, and if you desaturate by 10%, it is **FF3098**.

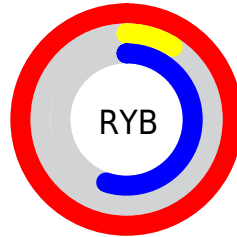
Distribution



Red (100%)

Green (9%)

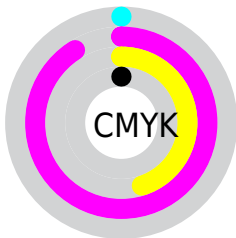
Blue (55%)



Red (100%)

Yellow (9%)

Blue (55%)

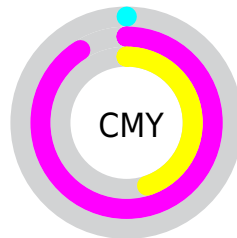


Cyan (0%)

Magenta (91%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (91%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF168B 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 FF168B by changing the saturation by 10% instead.

 FF168B

 FF168B

FFFFFF

 DF0072

 FF69C0

 C00059

 FF88DC

 A00042

 FFA7F9

 81002C

 FFC6FF

 630018

 FFE4FF

 450003

 240001

 000000

 FF168B

 FF168B

 FF0080

 FF3098

 FF49A4

 FF62B1

 FF7CBE

 FF95CA

 FFAFD7

 FFC9E4

 FFE2F1

 FFFBFD

Harmonies

Analogous

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



D847D1



FF168B



FC3544

Triad

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



FF168B



5B9500



009FFF

Complementary

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



FF168B



16FF8A

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.



00A4CB



FF168B



009F33

Square

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



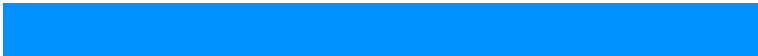
FF168B



A48200



00A481



0090FF

Rectangle

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



FF168B



E8550D



00A481



00A2F4

Sweetspot

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



FF168B



FFBADD



8716FF



80576B



000000



808080

Same Dimension

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



FF168B



FF0080



FF161A



807379



BF0060



400020

Inverse Universe

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



FF168B



FF0080



16FFFB



807379



BF0060



400020

Previews

White Background



This preview shows how the Hex color FF168B looks on a white background.

Color Contrast Check

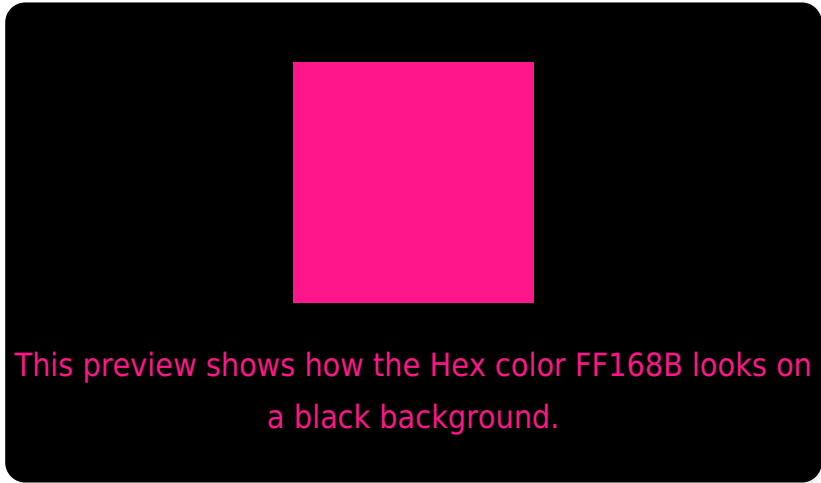
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF168B Background



This preview shows how black text looks on a background with the Hex color FF168B.



This preview shows how white text looks on a background with the Hex color FF168B.

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
FB3A3B

Trichromacy



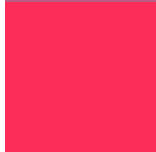
Original Color
FF168B



Protanomaly
A45CB1



Deuteranomaly
BC5B84



Tritanomaly
FC2D58

Monochromacy



Original Color
FF168B



Achromatopsia
696969



Achromatomaly
A04B75

CSS Examples

Text

The CSS property to change the color of the text to Hex FF168B 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 #FF168B looks like.

```
.text, #text, p{  
    color:#FF168B  
}
```

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 #FF168B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF168B
}
```

Border

The CSS property to change the border of an element to Hex FF168B 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
#FF168B }
```

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

```
.border{ border-color:#FF168B }
```

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

Here you see how a box with a 4 pixel #FF168B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF168B; -webkit-box-shadow:4px 4px  
4px 4px #FF168B; box-shadow:4px 4px 4px  
4px #FF168B }
```

Background

The CSS property to change the background color of an element to Hex FF168B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF168B }
```

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

```
.background{ background-color:#FF168B }
```

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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