

Converting Colors

Hex(FF18B1)

Have a look what the booklet for
Hex(FF18B1) contains.

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Color

Hex(F F 1 8 B 1)

Conversions

Conversions Part 1

Format	Color
Hex	FF18B1
RGB	255, 24, 177
RGB Percent	100%, 9%, 69%
CMY	0.0000, 0.9059, 0.3059
CMYK	0.00, 0.91, 0.31, 0.00
HSL	320°, 100%, 55%
HSV	320°, 91%, 100%
XYZ	49.5024, 25.0876, 43.8283
YIQ	110.5110, 88.5630, 96.5550

Conversions

Conversions Part 2

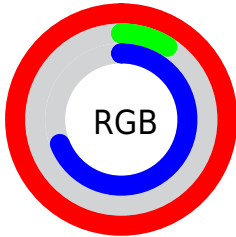
Format	Color
R_{YB}	255, 24, 177
Decimal	16718001
CIE _{Lab}	57.16, 86.94, -21.53
CIE _{LCh}	57, 89.563, 346.089
Yxy	25.0876, 0.4180, 0.2119
Android (android.graphics.Color)	4294908081 (0xFFFF18B1)
YUV	110.5110, 32.7791, 126.7169
Hunter-Lab	50.0875, 88.7618, -16.8195

Details

The Hex color **FF18B1** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **18FF66**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF6BE9**, and **C1007C** is the 20% darker color. If you saturate the color by 10%, you get **FF00A9**, and if you desaturate by 10%, it is **FF31BA**.

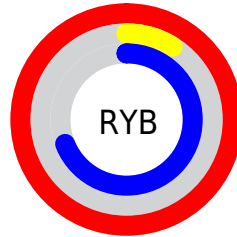
Distribution



Red (100%)

Green (9%)

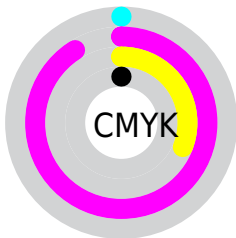
Blue (69%)



Red (100%)

Yellow (9%)

Blue (69%)

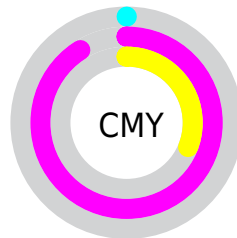


Cyan (0%)

Magenta (91%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (91%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF18B1 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 FF18B1 by changing the saturation by 10% instead.

 FF18B1

 FF18B1

FFFFFF

 E00096

 FF6BE9

 C1007C

 FF8BFF

 A20063

 FFAAFF

 84004B

 FFC8FF

 660034

 FFE7FF

 49001F

 2C0001

 000000

 FF18B1

 FF18B1

 FF00A9

 FF31BA

 FF4BC2

 FF64CB

 FF7ED3

 FF97DC

 FFB1E5

 FFCBED

 FFE4F6

 FFFDFE

Harmonies

Analogous

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



BE5BF7



FF18B1



FF0063

Triad

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



FF18B1



809300



00A8FA

Complementary

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



FF18B1



18FF66

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.



00AAB3



FF18B1



00A100

Square

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



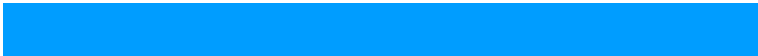
FF18B1



C47800



00A861



009DFF

Rectangle

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



FF18B1



FF3B31



00A861



00A9E4

Sweetspot

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



FF18B1



FFBAE8



6518FF



805772



000000



808080

Same Dimension

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



FF18B1



FF00A9



FF183F



80737B



BF007F



40002A

Inverse Universe

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



FF18B1



FF00A9



18FFD8



80737B



BF007F



40002A

Previews

White Background



This preview shows how the Hex color FF18B1 looks on a white background.

Color Contrast Check

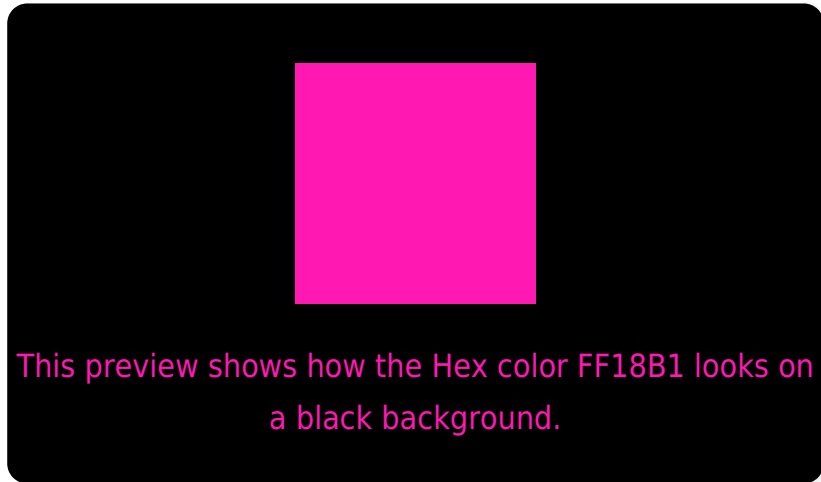
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF18B1 Background



This preview shows how black text looks on a background with the Hex color FF18B1.



This preview shows how white text looks on a background with the Hex color FF18B1.

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
FF18B1

Protanopia
5186FA

Deuteranopia
8987A5



Tritanopia
F8484C

Trichromacy



Original Color
FF18B1



Protanomaly
905EDF



Deuteranomaly
B45FA9



Tritanomaly
FB3771

Monochromacy



Original Color
FF18B1



Achromatopsia
6F6F6F



Achromatomaly
A34F87

CSS Examples

Text

The CSS property to change the color of the text to Hex FF18B1 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 #FF18B1 looks like.

```
.text, #text, p{  
    color:#FF18B1  
}
```

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 #FF18B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF18B1
}
```

Border

The CSS property to change the border of an element to Hex FF18B1 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
#FF18B1 }
```

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

```
.border{ border-color:#FF18B1 }
```

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

Here you see how a box with a 4 pixel #FF18B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF18B1; -webkit-box-shadow:4px 4px  
4px 4px #FF18B1; box-shadow:4px 4px 4px  
4px #FF18B1 }
```

Background

The CSS property to change the background color of an element to Hex FF18B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF18B1 }
```

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

```
.background{ background-color:#FF18B1 }
```

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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