

# Converting Colors

Hex(FF19B3)

Have a look what the booklet for  
Hex(FF19B3) contains.

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**Color**

**Hex(F19B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF19B3
RGB	255, 25, 179
RGB Percent	100%, 10%, 70%
CMY	0.0000, 0.9020, 0.2980
CMYK	0.00, 0.90, 0.30, 0.00
HSL	320°, 100%, 55%
HSV	320°, 90%, 100%
XYZ	49.7243, 25.2099, 44.8931
YIQ	111.3260, 87.6460, 96.6540

# Conversions

## Conversions Part 2

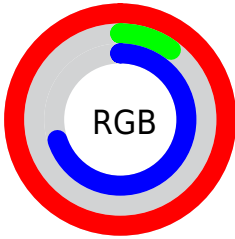
Format	Color
<b>RYB</b>	255, 25, 179
Decimal	16718259
CIELab	57.28, 87.02, -22.51
CIElCh	57, 89.890, 345.496
Yxy	25.2099, 0.4150, 0.2104
Android (android.graphics.Color)	4294908339 (0xFFFF19B3)
YUV	111.3260, 33.3633, 126.0021
Hunter-Lab	50.2095, 88.9085, -17.8654

# Details

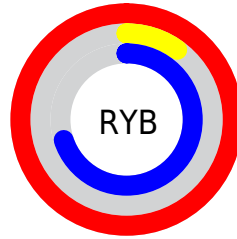
The Hex color **FF19B3** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **19FF65**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF6BEB**, and **C1007E** is the 20% darker color. If you saturate the color by 10%, you get **FF00AB**, and if you desaturate by 10%, it is **FF32BB**.

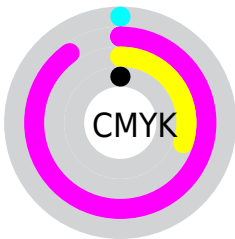
# Distribution



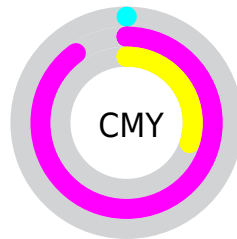
- Red (100%)
- Green (10%)
- Blue (70%)



- Red (100%)
- Yellow (10%)
- Blue (70%)



- Cyan (0%)
- Magenta (90%)
- Yellow (30%)
- Black (0%)



- Cyan (0%)
- Magenta (90%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF19B3 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 FF19B3 by changing the saturation by 10% instead.



 FF19B3

 FF19B3

FFFFFF

 E00098

 FF6BEB

 C1007E

 FF8BFF

 A20065

 FFAAFF

 84004D

 FFC9FF

 660036

 FFE8FF

 4A0020

 2C0003

 000000

 FF19B3

 FF19B3

■ FF00AB

■ FF32BB

■ FF4CC4

■ FF65CC

■ FF7FD5

■ FF98DD

■ FFB2E6

■ FFCBEE

■ FFE5F6

FFFEFF

# Harmonies

## Analogous

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



BC5CF9



FF19B3



FF0065

# Triad

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



FF19B3



819300



00A8F9

# Complementary

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



FF19B3



19FF65

# 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.



00AAB2



FF19B3



00A100

# Square

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



FF19B3



C67800



00A85F



009EFF

# Rectangle

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



FF19B3



FF3932



00A85F



00AAE4



# Sweetspot

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



FF19B3



FFBAE8



6219FF



805772



000000



808080



# Same Dimension

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



FF19B3



FF00AB



FF1943



80737B



BF0080



40002B



# Inverse Universe

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



FF19B3



FF00AB



19FFD5



80737B



BF0080



40002B



# Previews

## White Background



This preview shows how the Hex color FF19B3 looks on a white background.

## Color Contrast Check

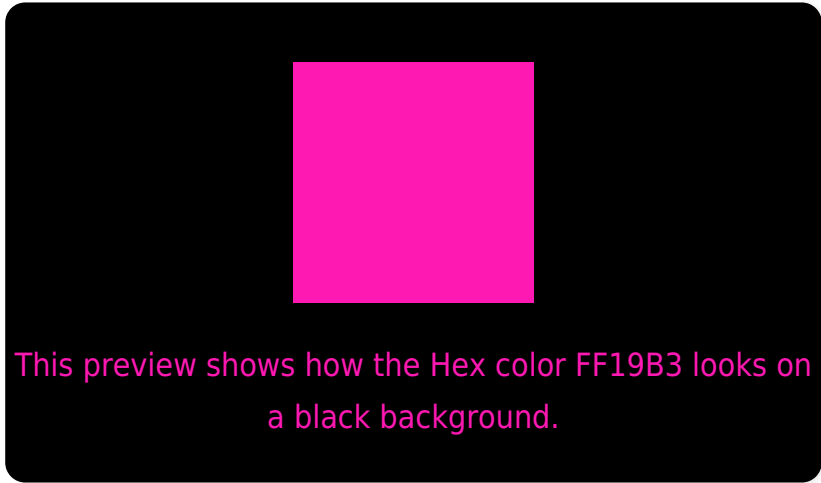
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF19B3 Background



This preview shows how black text looks on a background with the Hex color FF19B3.



This preview shows how white text looks on a background with the Hex color FF19B3.

# 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**  
F8494D

# Trichromacy



**Original Color**  
FF19B3



**Protanomaly**  
8F5EE1



**Deuteranomaly**  
B45FAB



**Tritanomaly**  
FB3872

# Monochromacy



**Original Color**  
FF19B3



**Achromatopsia**  
6F6F6F



**Achromatomaly**  
A35088

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF19B3 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 #FF19B3 looks like.

```
.text, #text, p{  
    color:#FF19B3  
}
```

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 #FF19B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF19B3
}
```

## Border

The CSS property to change the border of an element to Hex FF19B3 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
#FF19B3 }
```

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

```
.border{ border-color:#FF19B3 }
```

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

Here you see how a box with a 4 pixel #FF19B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF19B3; -webkit-box-shadow:4px 4px  
4px 4px #FF19B3; box-shadow:4px 4px 4px  
4px #FF19B3 }
```

# Background

The CSS property to change the background color of an element to Hex FF19B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF19B3 }
```

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

```
.background{ background-color:#FF19B3 }
```

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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