

# Converting Colors

Hex(B19FB7)

Have a look what the booklet for  
Hex(B19FB7) contains.

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**Color**

**Hex(B19FB7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B19FB7
RGB	177, 159, 183
RGB Percent	69%, 62%, 72%
CMY	0.3059, 0.3765, 0.2824
CMYK	0.03, 0.13, 0.00, 0.28
HSL	285°, 14%, 67%
HSV	285°, 13%, 72%
XYZ	39.0768, 37.5623, 49.9904
YIQ	167.1180, 3.0240, 11.2800

# Conversions

## Conversions Part 2

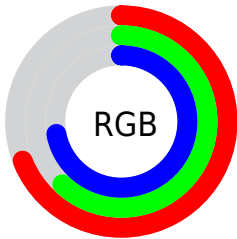
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 159, 183
Decimal	11640759
CIELab	67.70, 11.03, -9.99
CIELCh	68, 14.877, 317.839
Yxy	37.5623, 0.3086, 0.2966
Android (android.graphics.Color)	4289830839 (0xFFB19FB7)
YUV	167.1180, 7.8298, 8.6665
Hunter-Lab	61.2881, 6.5562, -5.4590

# Details

The Hex color **B19FB7** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A5B79F**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **E9D6EF**, and **7C6C82** is the 20% darker color. If you saturate the color by 10%, you get **AC8DB7**, and if you desaturate by 10%, it is **B6B1B7**.

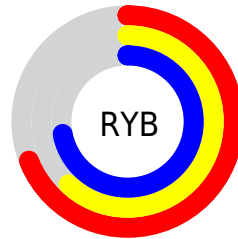
# Distribution



Red (69%)

Green (62%)

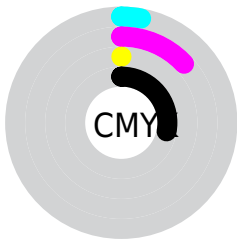
Blue (72%)



Red (69%)

Yellow (62%)

Blue (72%)

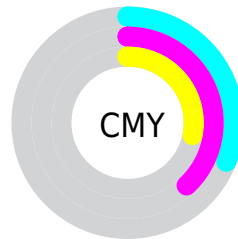


Cyan (3%)

Magenta (13%)

Yellow (0%)

Black (28%)



Cyan (31%)

Magenta (38%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B19FB7 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 B19FB7 by changing the saturation by 10% instead.



 B19FB7

 B19FB7

FFFFFF

 96859C

 E9D6EF

 7C6C82

 FFF2FF

 635369

 4B3C51

 34263A

 1F1224

 00000E

 000000

 B19FB7

 B19FB7

AC8DB7

B6B1B7

A87AB7

BAC4B7

A368B7

BFD6B7

9F56B7

C3E8B7

9A44B7

C8FBB7

9631B7

CCFFB7

911FB7

D1FFB7

8C0DB7

D6FFB7

8900B7

DAFFB7

# Harmonies

## Analogous

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



A0A3BE



B19FB7



BD9CAB

# Triad

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



B19FB7



B5A28B



82ADAD

# Complementary

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



B19FB7



A5B79F

# 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.



8AAC9F



B19FB7



A7A78B

# Square

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



B19FB7



BE9E92



98AA93



84ABB8

# Rectangle

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



B19FB7



C19CA2



98AA93



84ADA8



# Sweetspot

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



B19FB7



EBE4ED



9FA5B7



767278



F7F7F7



787878



# Same Dimension

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



B19FB7



E4C7ED



B79FB1



5A535C



75009C



15001C



# Inverse Universe

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



B79FA5



EDC7D1



9FB7A5



5C5355



9C0027

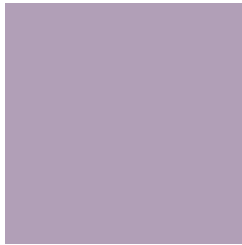


1C0007



# Previews

## White Background



This preview shows how the Hex color B19FB7 looks on a white background.

## Color Contrast Check

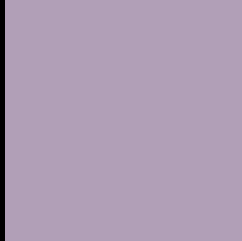
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color B19FB7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

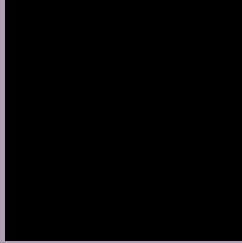
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B19FB7 Background



This preview shows how black text looks on a background with the Hex color B19FB7.



This preview shows how white text looks on a background with the Hex color B19FB7.

# 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**  
B19FB7

**Protanopia**  
A2A4BA

**Deuteranopia**  
ADA1B7



**Tritanopia**  
B0A1AD

# Trichromacy



**Original Color**  
B19FB7

**Protanomaly**  
A7A2B9

**Deuteranomaly**  
AEA0B7

**Tritanomaly**  
B0A0B1

# Monochromacy



**Original Color**  
B19FB7

**Achromatopsia**  
A7A7A7

**Achromatomaly**  
ABA4AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B19FB7 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 #B19FB7 looks like.

```
.text, #text, p{  
    color:#B19FB7  
}
```

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 #B19FB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B19FB7  
}
```

## Border

The CSS property to change the border of an element to Hex B19FB7 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  
#B19FB7 }
```

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

```
.border{ border-color:#B19FB7 }
```

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

Here you see how a box with a 4 pixel #B19FB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B19FB7; -webkit-box-shadow:4px 4px  
4px 4px #B19FB7; box-shadow:4px 4px 4px  
4px #B19FB7 }
```

# Background

The CSS property to change the background color of an element to Hex B19FB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B19FB7 }
```

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

```
.background{ background-color:#B19FB7 }
```

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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