

# Converting Colors

Hex(B19FE2)

Have a look what the booklet for  
Hex(B19FE2) contains.

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# **Color**

**Hex(B19FE2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B19FE2
RGB	177, 159, 226
RGB Percent	69%, 62%, 89%
CMY	0.3059, 0.3765, 0.1137
CMYK	0.22, 0.30, 0.00, 0.11
HSL	256°, 54%, 75%
HSV	256°, 30%, 89%
XYZ	44.2571, 39.6344, 77.2691
YIQ	172.0200, -10.7790, 24.6530

# Conversions

## Conversions Part 2

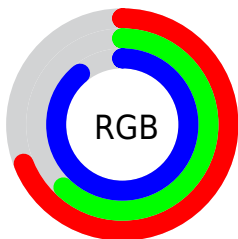
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">177, 159, 226</a>
Decimal	<a href="#">11640802</a>
CIELab	<a href="#">69.21, 20.26, -31.48</a>
CIELCh	<a href="#">69, 37.440, 302.768</a>
Yxy	<a href="#">39.6344, 0.2746, 0.2459</a>
Android (android.graphics.Color)	<a href="#">4289830882</a> ( <a href="#">0xFFB19FE2</a> )
YUV	<a href="#">172.0200, 26.6121, 4.3675</a>
Hunter-Lab	<a href="#">62.9558, 15.3103, -28.7007</a>

# Details

The Hex color **B19FE2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D0E29F**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **E9D6FF**, and **7B6BAA** is the 20% darker color. If you saturate the color by 10%, you get **A088E2**, and if you desaturate by 10%, it is **C2B6E2**.

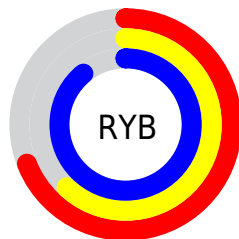
# Distribution



Red (69%)

Green (62%)

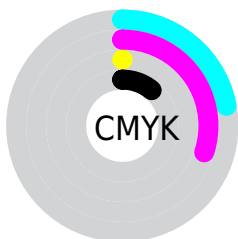
Blue (89%)



Red (69%)

Yellow (62%)

Blue (89%)

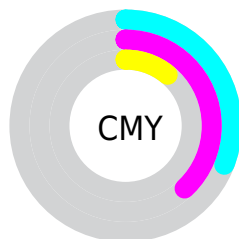


Cyan (22%)

Magenta (30%)

Yellow (0%)

Black (11%)



Cyan (31%)

Magenta (38%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B19FE2 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 B19FE2 by changing the saturation by 10% instead.



 B19FE2

 B19FE2

FFFFFF

 9685C6

 E9D6FF

 7B6BAA

 FFF2FF

 615390

 483C76

 30265D

 171245

 01002E

 000119

 000000

 B19FE2

 B19FE2

 A088E2

 C2B6E2

 9072E2

 D2CCE2

 7F5BE2

 E3E3E2

 6F45E2

 F3F9E2

 5E2EE2

 FFFFE2

 4E17E2

 3D01E2

 3D00E2

# Harmonies

## Analogous

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



7DABEC



B19FE2



D694C9

# Triad

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



B19FE2



D99C6D



41BBAB

# Complementary

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



B19FE2



D0E29F

# 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.



6FB889



B19FE2



BCA864

# Square

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



B19FE2



E99286



98B26F



13BACD

# Rectangle

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



B19FE2



E58FB3



98B26F



51BB9F



# Sweetspot

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



B19FE2



EEE8FF



9FD0E2



757180



000000



808080



# Same Dimension

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



B19FE2



BCA3FF



D29FE2



686570



2F00B0



0D0030



# Inverse Universe

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



E29FD0



FFA3E6



AFE29F



70656D



B00081

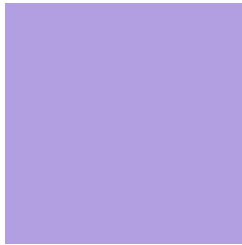


300023



# Previews

## White Background



This preview shows how the Hex color B19FE2 looks on a white background.

## Color Contrast Check

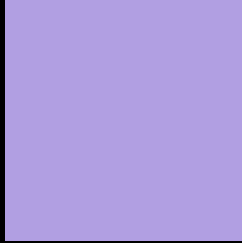
Large Text (above 18pt) WCAG AA × Fail

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 B19FE2 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 B19FE2 Background



This preview shows how black text looks on a background with the Hex color B19FE2.

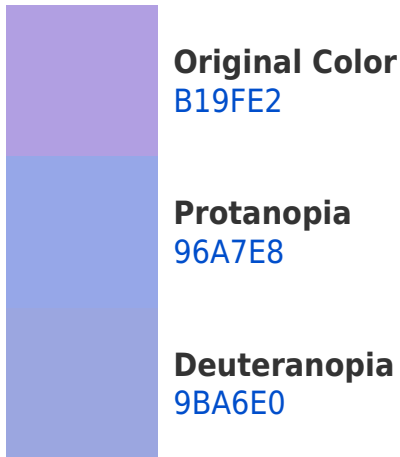


This preview shows how white text looks on a background with the Hex color B19FE2.

# 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](#).

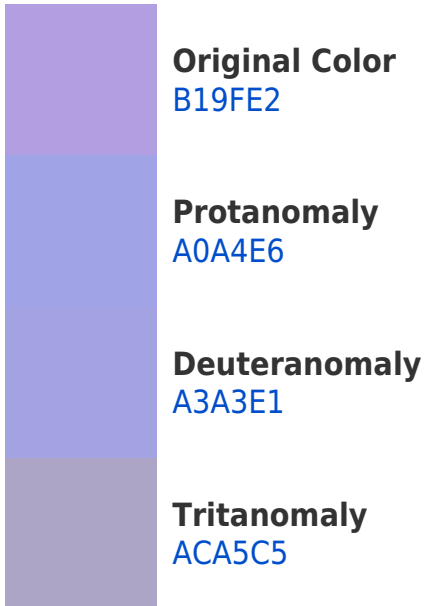
## Dichromacy



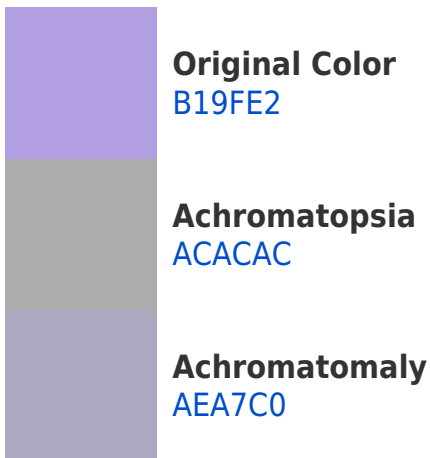


**Tritanopia**  
A9A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B19FE2 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 #B19FE2 looks like.

```
.text, #text, p{  
    color:#B19FE2  
}
```

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 #B19FE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B19FE2
}
```

## Border

The CSS property to change the border of an element to Hex B19FE2 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
#B19FE2 }
```

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

```
.border{ border-color:#B19FE2 }
```

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

Here you see how a box with a 4 pixel #B19FE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B19FE2; -webkit-box-shadow:4px 4px  
4px 4px #B19FE2; box-shadow:4px 4px 4px  
4px #B19FE2 }
```

# Background

The CSS property to change the background color of an element to Hex B19FE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B19FE2 }
```

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

```
.background{ background-color:#B19FE2 }
```

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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