

Converting Colors

Hex(B19AEE)

Have a look what the booklet for
Hex(B19AEE) contains.

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Color

Hex(B19AEE)

Conversions

Conversions Part 1

Format	Color
Hex	B19AEE
RGB	177, 154, 238
RGB Percent	69%, 60%, 93%
CMY	0.3059, 0.3961, 0.0667
CMYK	0.26, 0.35, 0.00, 0.07
HSL	256°, 71%, 77%
HSV	256°, 35%, 93%
XYZ	45.1197, 38.6314, 85.9675
YIQ	170.4530, -13.2560, 31.0000

Conversions

Conversions Part 2

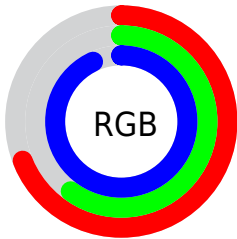
Format	Color
RYB	177, 154, 238
Decimal	11639534
CIELab	68.48, 25.89, -39.19
CIELCh	68, 46.970, 303.451
Yxy	38.6314, 0.2659, 0.2276
Android (android.graphics.Color)	4289829614 (0xFFB19AEE)
YUV	170.4530, 33.3007, 5.7417
Hunter-Lab	62.1541, 20.8092, -38.4981

Details

The Hex color **B19AEE** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D7EE9A**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **EAD1FF**, and **7B67B6** is the 20% darker color. If you saturate the color by 10%, you get **A082EE**, and if you desaturate by 10%, it is **C2B2EE**.

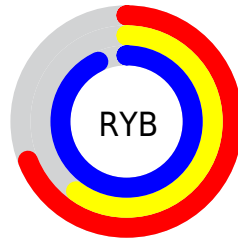
Distribution



Red (69%)

Green (60%)

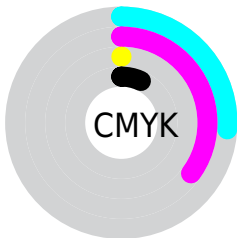
Blue (93%)



Red (69%)

Yellow (60%)

Blue (93%)

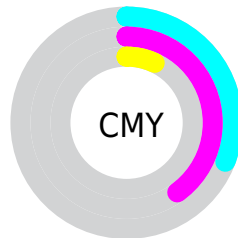


Cyan (26%)

Magenta (35%)

Yellow (0%)

Black (7%)



Cyan (31%)

Magenta (40%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color B19AEE 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 B19AEE by changing the saturation by 10% instead.

 B19AEE

 B19AEE

FFFFFF

 9580D2

 EAD1FF

 7B67B6

 FFEDFF

 604E9B

 463780

 2C2167

 0F0D4E

 000037

 000221

 000005

 B19AEE

 B19AEE

 A082EE

 C2B2EE

 8E6AEE

 D4CAEE

 7D53EE

 E5E1EE

 6C3BEE

 F6F9EE

 5B23EE

 FFFFEE

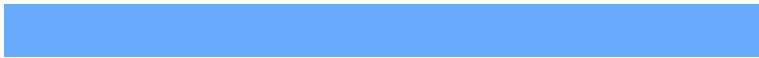
 490BEE

 4100EE

Harmonies

Analogous

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



68AAFC



B19AEE



E08BCE

Triad

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



B19AEE



DF975B



00BDAB

Complementary

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



B19AEE



D7EE9A

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.



58BA80



B19AEE



BCA650

Square

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



B19AEE



F4897A



90B25E



00BCD5

Rectangle

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



B19AEE



F185B2



90B25E



15BC9C

Sweetspot

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



B19AEE



EBE3FF



9AD8EE



736F80



000000



808080

Same Dimension

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



B19AEE



B194FF



DA9AEE



6F6C78



3200B8



0F0038

Inverse Universe

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



EE9AD7



FF94E2



AEEE9A



786C75



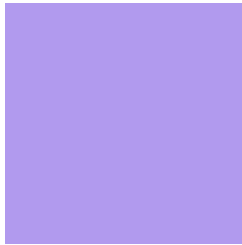
B80085



380029

Previews

White Background



This preview shows how the Hex color B19AEE looks on a white background.

Color Contrast Check

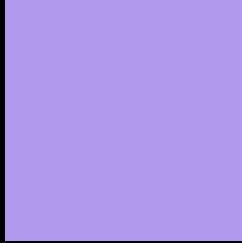
Large Text (above 18pt) WCAG AA × Fail

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 B19AEE 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 B19AEE Background



This preview shows how black text looks on a background with the Hex color B19AEE.



This preview shows how white text looks on a background with the Hex color B19AEE.

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](#).

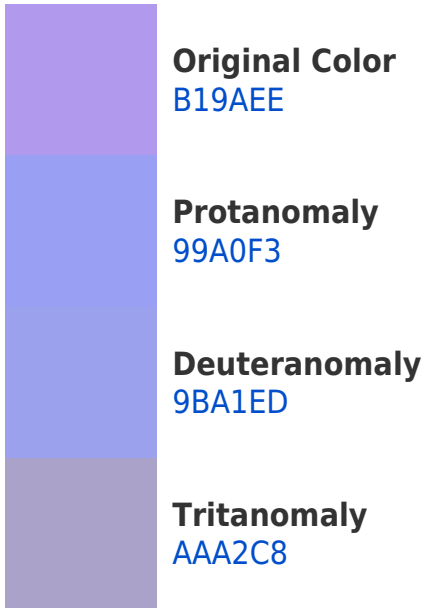
Dichromacy



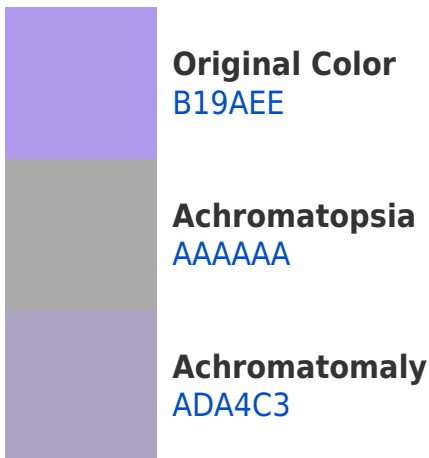


Tritanopia
A6A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B19AEE 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 #B19AEE looks like.

```
.text, #text, p{  
    color:#B19AEE  
}
```

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 #B19AEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B19AEE
}
```

Border

The CSS property to change the border of an element to Hex B19AEE is called "border". The border property can be set on classes, ids or directly on the HTML element.

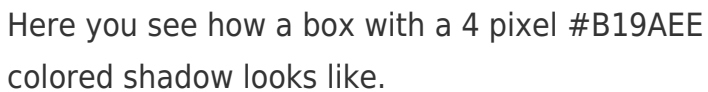
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B19AEE }
```

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

```
.border{ border-color:#B19AEE }
```

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



Here you see how a box with a 4 pixel #B19AEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B19AEE; -webkit-box-shadow:4px 4px  
4px 4px #B19AEE; box-shadow:4px 4px 4px  
4px #B19AEE }
```

Background

The CSS property to change the background color of an element to Hex B19AEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B19AEE }
```

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

```
.background{ background-color:#B19AEE }
```

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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