

Converting Colors

Hex(BB19E2)

Have a look what the booklet for
Hex(BB19E2) contains.

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Color

Hex(BB19E2)

Conversions

Conversions Part 1

Format	Color
Hex	BB19E2
RGB	187, 25, 226
RGB Percent	73%, 10%, 89%
CMY	0.2667, 0.9020, 0.1137
CMYK	0.17, 0.89, 0.00, 0.11
HSL	288°, 80%, 49%
HSV	288°, 89%, 89%
XYZ	34.5686, 16.7510, 73.3628
YIQ	96.3520, 32.0310, 96.8550

Conversions

Conversions Part 2

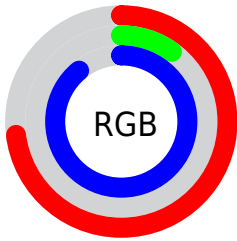
Format	Color
R_{YB}	187, 25, 226
Decimal	12261858
CIE _{Lab}	47.94, 81.28, -65.09
CIE _{LCh}	48, 104.127, 321.314
Yxy	16.7510, 0.2773, 0.1343
Android (android.graphics.Color)	4290451938 (0xFFBB19E2)
YUV	96.3520, 63.9165, 79.4983
Hunter-Lab	40.9280, 79.1405, -77.6267

Details

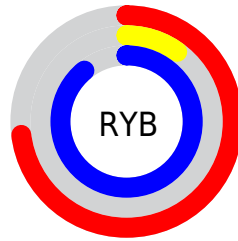
The Hex color **BB19E2** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed purple. A complement of this color would be **40E219**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **F862FF**, and **8000A9** is the 20% darker color. If you saturate the color by 10%, you get **B702E2**, and if you desaturate by 10%, it is **BF30E2**.

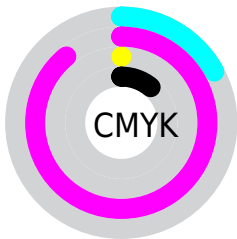
Distribution



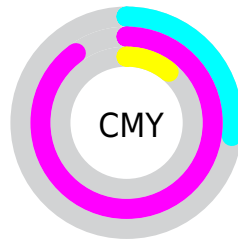
- Red (73%)
- Green (10%)
- Blue (89%)



- Red (73%)
- Yellow (10%)
- Blue (89%)



- Cyan (17%)
- Magenta (89%)
- Yellow (0%)
- Black (11%)



- Cyan (27%)
- Magenta (90%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB19E2 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 BB19E2 by changing the saturation by 10% instead.

 BB19E2

 BB19E2

FFFFFF

 9D00C5

 F862FF

 8000A9

 FF80FF

 63008E

 FF9DFF

 450074

 FFBBFF

 28005A

 FFD9FF

 000042

 FFF7FF

 00032A

 000115

 000000

 BB19E2

 BB19E2

 B702E2

 BF30E2

 B600E2

 C446E2

 C85DE2

 CD73E2

 D18AE2

 D5A1E2

 DAB7E2

 DECEE2

 E2E4E2

Harmonies

Analogous

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



0068FF



BB19E2



F9008F

Triad

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



BB19E2



A06600



0093B0

Complementary

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



BB19E2



40E219

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.



009154



BB19E2



4D8000

Square

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



BB19E2



DC2A00



008C00



0091FD

Rectangle

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



BB19E2



FF0056



008C00



009292

Sweetspot

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



BB19E2



F2BAFF



1941E2



785780



000000



808080

Same Dimension

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



BB19E2



CE00FF



E219A6



6E6570



8E00B0



270030

Inverse Universe

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



E21940



FF0031



19E255



706567



B00022



300009

Previews

White Background



This preview shows how the Hex color BB19E2 looks on a white background.

Color Contrast Check

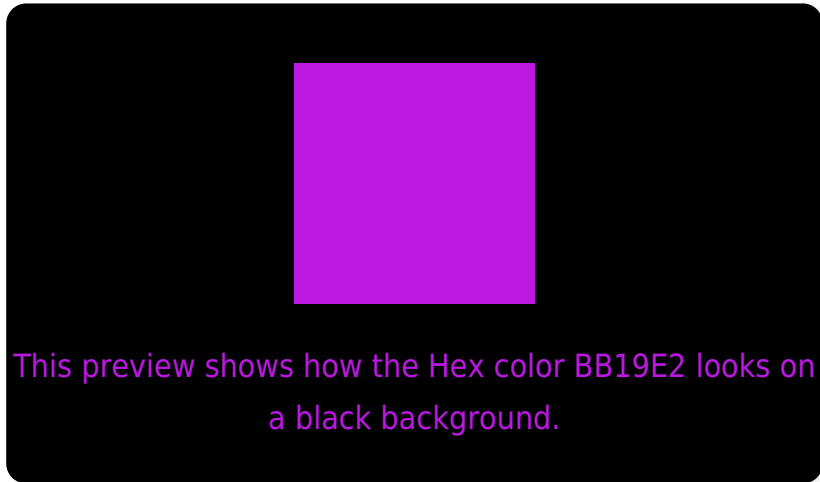
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

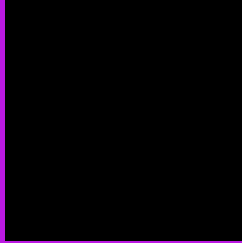
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex BB19E2 Background



This preview shows how black text looks on a background with the Hex color BB19E2.

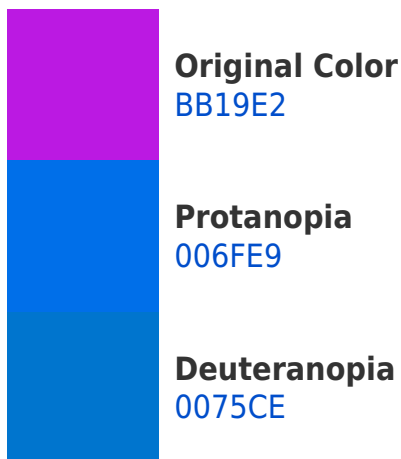


This preview shows how white text looks on a background with the Hex color BB19E2.

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](#).

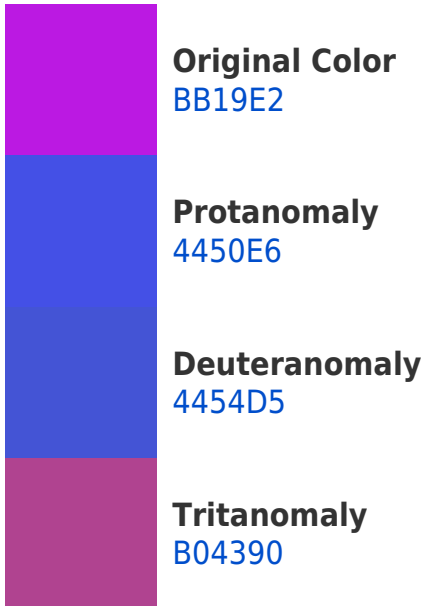
Dichromacy



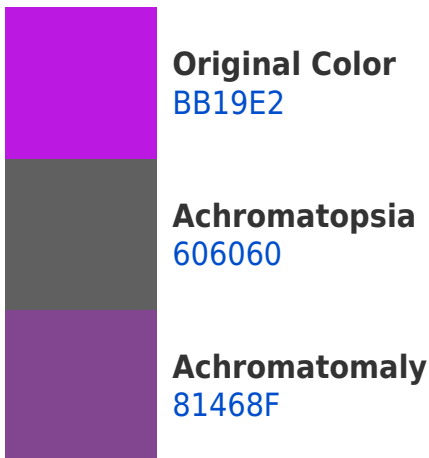


Tritanopia
A95B61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB19E2 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 #BB19E2 looks like.

```
.text, #text, p{  
    color:#BB19E2  
}
```

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 #BB19E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB19E2
}
```

Border

The CSS property to change the border of an element to Hex BB19E2 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
#BB19E2 }
```

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

```
.border{ border-color:#BB19E2 }
```

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

Here you see how a box with a 4 pixel #BB19E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB19E2; -webkit-box-shadow:4px 4px  
4px 4px #BB19E2; box-shadow:4px 4px 4px  
4px #BB19E2 }
```

Background

The CSS property to change the background color of an element to Hex BB19E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB19E2 }
```

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

```
.background{ background-color:#BB19E2 }
```

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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