

# Converting Colors

Hex(B294AB)

Have a look what the booklet for  
Hex(B294AB) contains.

<b>Hex(B294AB)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(B294AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B294AB
RGB	178, 148, 171
RGB Percent	70%, 58%, 67%
CMY	0.3020, 0.4196, 0.3294
CMYK	0.00, 0.17, 0.04, 0.30
HSL	314°, 16%, 64%
HSV	314°, 17%, 70%
XYZ	36.3007, 33.5851, 43.0974
YIQ	159.5920, 10.4970, 13.5130

# Conversions

## Conversions Part 2

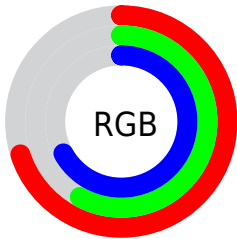
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 148, 171
Decimal	11703467
CIELab	64.63, 15.22, -7.82
CIELCh	65, 17.111, 332.786
Yxy	33.5851, 0.3213, 0.2973
Android (android.graphics.Color)	4289893547 (0xFFB294AB)
YUV	159.5920, 5.6241, 16.1438
Hunter-Lab	57.9526, 10.3928, -3.5251

# Details

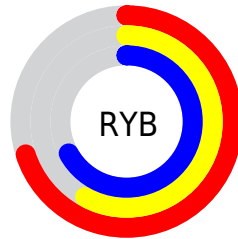
The Hex color **B294AB** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **94B29B**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **EACAE2**, and **7D6177** is the 20% darker color. If you saturate the color by 10%, you get **B282A7**, and if you desaturate by 10%, it is **B2A6AF**.

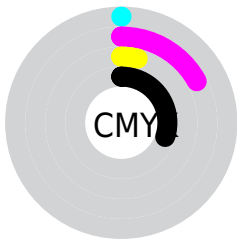
# Distribution



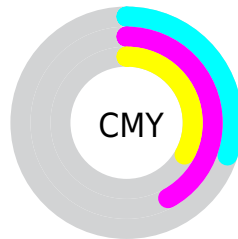
- Red (70%)
- Green (58%)
- Blue (67%)



- Red (70%)
- Yellow (58%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (4%)
- Black (30%)



- Cyan (30%)
- Magenta (42%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B294AB 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 B294AB by changing the saturation by 10% instead.



 B294AB

 B294AB

FFFFFF

 977A90

 EACAE2

 7D6177

 FFE6FF

 64495E

 4C3246

 351D30

 20061B

 000000

 B294AB

 B294AB

 B282A7

 B2A6AF

 B270A3

 B2B8B3

 B25F9F

 B2C9B7

 B24D9A

 B2DBBC

 B23B96

 B2EDC0

 B22992

 B2FFC4

 B2178E

 B2FFC8

 B2068A

 B2FFCC

 B20088

 B2FFD0

# Harmonies

## Analogous

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



A198B6



B294AB



BB929C

# Triad

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



B294AB



A79C7E



74A5AD

# Complementary

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



B294AB



94B29B

# 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.



78A69E



B294AB



96A183

# Square

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



B294AB



B59782



85A48E



7CA2B7

# Rectangle

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



B294AB



BD9392



85A48E



74A5A8



# Sweetspot

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



B294AB



E8DCE5



9B94B2



756E74



F5F5F5



757575



# Same Dimension

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



B294AB



E8BADD



B2949C



595057



990075



1A0014



# Inverse Universe

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



B294AB



E8BADD



94B2AA



595057



990075

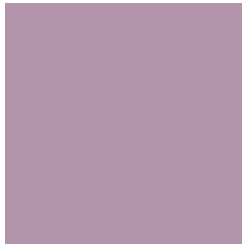


1A0014



# Previews

## White Background



This preview shows how the Hex color B294AB looks on a white background.

## Color Contrast Check

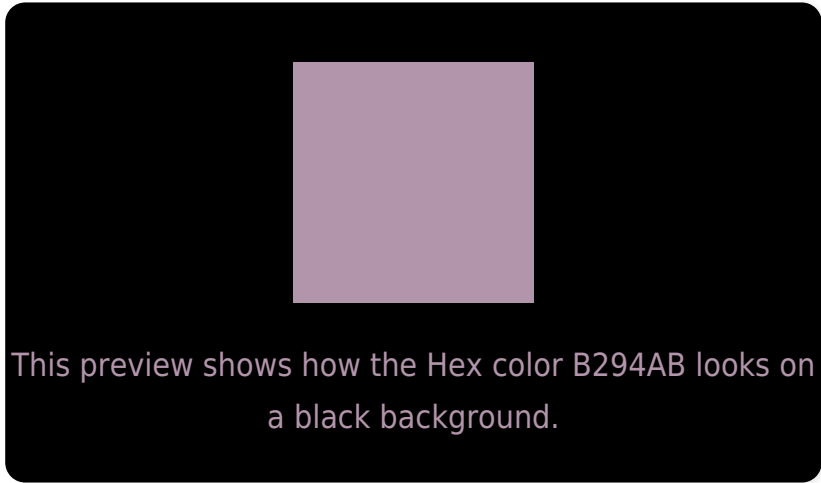
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

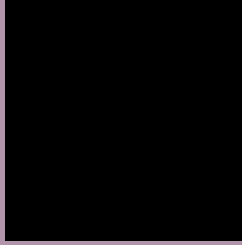
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B294AB Background



This preview shows how black text looks on a background with the Hex color B294AB.

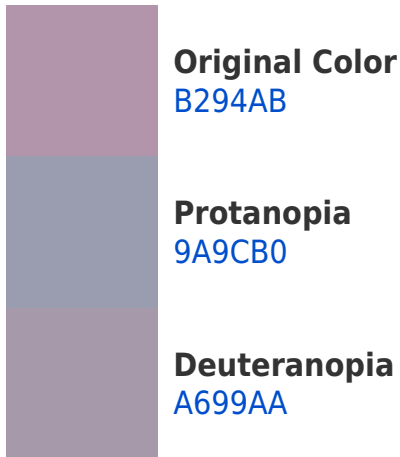


This preview shows how white text looks on a background with the Hex color B294AB.

# 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**  
B196A1

# Trichromacy



**Original Color**  
B294AB

**Protanomaly**  
A399AE

**Deuteranomaly**  
AA97AA

**Tritanomaly**  
B195A5

# Monochromacy



**Original Color**  
B294AB

**Achromatopsia**  
A0A0A0

**Achromatomaly**  
A79CA4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B294AB 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 #B294AB looks like.

```
.text, #text, p{  
    color:#B294AB  
}
```

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 #B294AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B294AB
}
```

## Border

The CSS property to change the border of an element to Hex B294AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

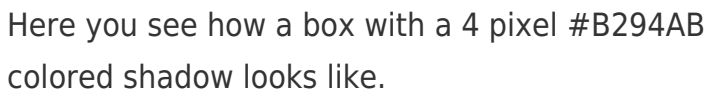
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B294AB }
```

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

```
.border{ border-color:#B294AB }
```

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



Here you see how a box with a 4 pixel #B294AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B294AB; -webkit-box-shadow:4px 4px  
4px 4px #B294AB; box-shadow:4px 4px 4px  
4px #B294AB }
```

# Background

The CSS property to change the background color of an element to Hex B294AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B294AB }
```

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

```
.background{ background-color:#B294AB }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor