

# Converting Colors

Hex(B2A2BF)

Have a look what the booklet for  
Hex(B2A2BF) contains.

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# **Color**

**Hex(B2A2BF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2A2BF
RGB	178, 162, 191
RGB Percent	70%, 64%, 75%
CMY	0.3020, 0.3647, 0.2510
CMYK	0.07, 0.15, 0.00, 0.25
HSL	273°, 18%, 69%
HSV	273°, 15%, 75%
XYZ	40.6844, 39.0672, 54.6866
YIQ	170.0900, 0.2270, 12.4110

# Conversions

## Conversions Part 2

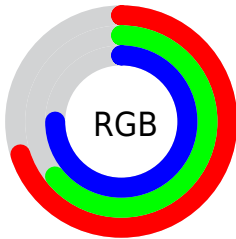
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 162, 191
Decimal	11707071
CIELab	68.80, 11.30, -12.77
CIElCh	69, 17.054, 311.508
Yxy	39.0672, 0.3026, 0.2906
Android (android.graphics.Color)	4289897151 (0xFFB2A2BF)
YUV	170.0900, 10.3086, 6.9371
Hunter-Lab	62.5038, 6.8060, -8.1222

# Details

The Hex color **B2A2BF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **AFBFA2**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **EAD9F7**, and **7D6E8A** is the 20% darker color. If you saturate the color by 10%, you get **A98FBF**, and if you desaturate by 10%, it is **BBB5BF**.

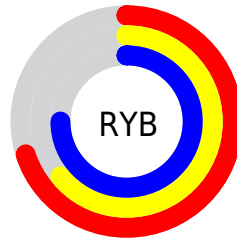
# Distribution



Red (70%)

Green (64%)

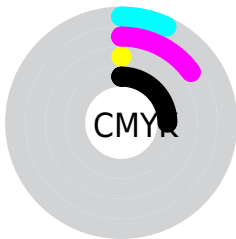
Blue (75%)



Red (70%)

Yellow (64%)

Blue (75%)

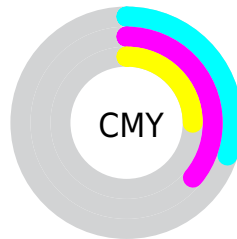


Cyan (7%)

Magenta (15%)

Yellow (0%)

Black (25%)



Cyan (30%)

Magenta (36%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2A2BF 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 B2A2BF by changing the saturation by 10% instead.



 B2A2BF

 B2A2BF

FFFFFF

 9788A4

 EAD9F7

 7D6E8A

 FFF5FF

 645670

 4C3F58

 352940

 1F142A

 040016

 000000

 B2A2BF

 B2A2BF

 A98FBF

 BBB5BF

 A17CBF

 C3C8BF

 9869BF

 CCDBBF

 9056BF

 D4EEBF

 8742BF

 DDFFBF

 7F2FBF

 E5FFBF

 761CBF

 EEFFBF

 6E09BF

 F6FFBF

 6900BF

 FFFFBF

# Harmonies

## Analogous

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



9EA7C6



B2A2BF



C19EB2

# Triad

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



B2A2BF



BDA48B



81B1AD

# Complementary

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



B2A2BF



AFBFA2

# 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.



8CB09E



B2A2BF



AEA98A

# Square

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



B2A2BF



C69F94



9CAD90



80B0BC

# Rectangle

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



B2A2BF



C79DA8



9CAD90



83B1A8



# Sweetspot

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



B2A2BF



F2EBF7



A2AFBF



7A757D



FCFCFC



7D7D7D



# Same Dimension

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



B2A2BF



E3CBF7



BFA2BE



5A555E



57009E



11001F



# Inverse Universe

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



BFA2AF



F7CBDF



A2BFA3



5E5559



9E0047

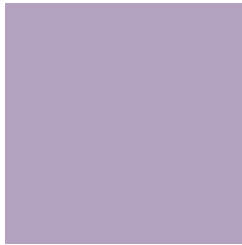


1F000E



# Previews

## White Background



This preview shows how the Hex color B2A2BF looks on a white background.

## Color Contrast Check

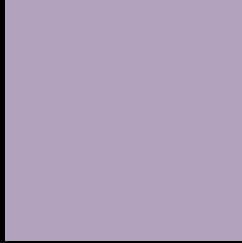
Large Text (above 18pt) WCAG AA × Fail

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 B2A2BF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

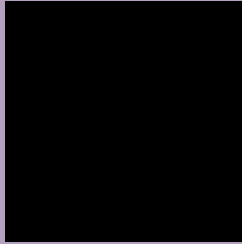
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B2A2BF Background



This preview shows how black text looks on a background with the Hex color B2A2BF.



This preview shows how white text looks on a background with the Hex color B2A2BF.

# 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**  
B2A2BF

**Protanopia**  
A3A7C2

**Deuteranopia**  
ADA4BF



**Tritanopia**  
B0A4B1

# Trichromacy



**Original Color**  
B2A2BF

**Protanomaly**  
A8A5C1

**Deuteranomaly**  
AFA3BF

**Tritanomaly**  
B1A3B6

# Monochromacy



**Original Color**  
B2A2BF

**Achromatopsia**  
AAAAAA

**Achromatomaly**  
ADA7B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2A2BF 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 #B2A2BF looks like.

```
.text, #text, p{  
    color:#B2A2BF  
}
```

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 #B2A2BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2A2BF
}
```

## Border

The CSS property to change the border of an element to Hex B2A2BF 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
#B2A2BF }
```

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

```
.border{ border-color:#B2A2BF }
```

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

Here you see how a box with a 4 pixel #B2A2BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2A2BF; -webkit-box-shadow:4px 4px  
4px 4px #B2A2BF; box-shadow:4px 4px 4px  
4px #B2A2BF }
```

# Background

The CSS property to change the background color of an element to Hex B2A2BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2A2BF }
```

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

```
.background{ background-color:#B2A2BF }
```

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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