

Converting Colors

Hex(B2AEC9)

Have a look what the booklet for
Hex(B2AEC9) contains.

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Color

Hex(B2AEC9)

Conversions

Conversions Part 1

Format	Color
Hex	B2AEC9
RGB	178, 174, 201
RGB Percent	70%, 68%, 79%
CMY	0.3020, 0.3176, 0.2118
CMYK	0.11, 0.13, 0.00, 0.21
HSL	249°, 20%, 74%
HSV	249°, 13%, 79%
XYZ	44.0388, 43.9541, 61.4212
YIQ	178.2740, -6.2830, 9.2450

Conversions

Conversions Part 2

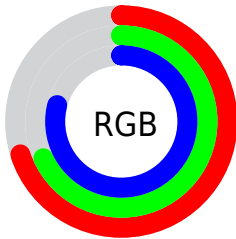
Format	Color
R _Y B	178, 174, 201
Decimal	11710153
CIE Lab	72.20, 6.74, -13.19
CIE LCh	72, 14.810, 297.071
Yxy	43.9541, 0.2947, 0.2942
Android (android.graphics.Color)	4289900233 (0xFFB2AEC9)
YUV	178.2740, 11.2039, -0.2403
Hunter-Lab	66.2979, 2.5483, -8.5203

Details

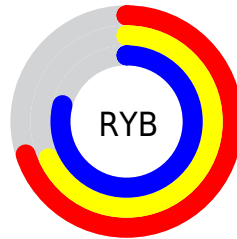
The Hex color **B2AEC9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C5C9AE**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **EAE5FF**, and **7D7A93** is the 20% darker color. If you saturate the color by 10%, you get **A19AC9**, and if you desaturate by 10%, it is **C3C2C9**.

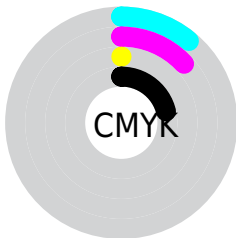
Distribution



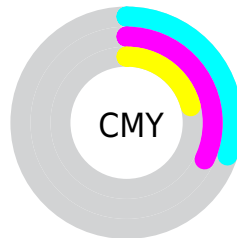
- Red (70%)
- Green (68%)
- Blue (79%)



- Red (70%)
- Yellow (68%)
- Blue (79%)



- Cyan (11%)
- Magenta (13%)
- Yellow (0%)
- Black (21%)



- Cyan (30%)
- Magenta (32%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2AEC9 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 B2AEC9 by changing the saturation by 10% instead.

 B2AEC9

 B2AEC9

FFFFFF

 9793AE

 EAE5FF

 7D7A93

 646179

 4C4960

 353349

 1F1E32

 0A041D

 000000

 B2AEC9

 B2AEC9

 A19AC9

 C3C2C9

 9086C9

 D4D6C9

 7F72C9

 E5EAC9

 6E5EC9

 F6FEC9

 5C4AC9

 FFFFC9

 4B35C9

 3A21C9

 290DC9

 1E00C9

Harmonies

Analogous

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



A1B3CC



B2AEC9



C2AAC0

Triad

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



B2AEC9



C9AB9B



93B9AF

Complementary

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



B2AEC9



C5C9AE

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.



9FB7A2



B2AEC9



BDB096

Square

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



B2AEC9



CEA8A5



AEB499



8EB9BD

Rectangle

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



B2AEC9



C9A8B7



AEB499



96B9AA

Sweetspot

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



B2AEC9



F6F5FF



AEC5C9



7A7980



000000



808080

Same Dimension

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



B2AEC9



DCD6FF



BFAEC9



5B5A63



1800A3



050024

Inverse Universe

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



C9AEC5



FFD6F9



B8C9AE



635A62



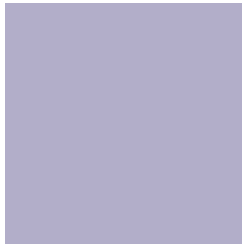
A3008B



24001E

Previews

White Background



This preview shows how the Hex color B2AEC9 looks on a white background.

Color Contrast Check

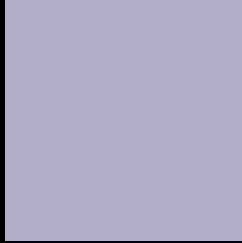
Large Text (above 18pt) WCAG AA × Fail

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 B2AEC9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

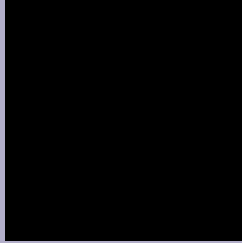
Any Text WCAG AA ✓ Pass

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 B2AEC9 Background



This preview shows how black text looks on a background with the Hex color B2AEC9.



This preview shows how white text looks on a background with the Hex color B2AEC9.

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
B2AEC9

Protanopia
ADB0CA

Deuteranopia
B7ACC9

Trichromacy



Original Color
B2AEC9

Protanomaly
AFAFCA

Deuteranomaly
B5ADC9

Tritanomaly
B1AFC2

Monochromacy



Original Color
B2AEC9

Achromatopsia
B2B2B2

Achromatomaly
B2B1BA

CSS Examples

Text

The CSS property to change the color of the text to Hex B2AEC9 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 #B2AEC9 looks like.

```
.text, #text, p{  
    color:#B2AEC9  
}
```

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 #B2AEC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2AEC9
}
```

Border

The CSS property to change the border of an element to Hex B2AEC9 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
#B2AEC9 }
```

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

```
.border{ border-color:#B2AEC9 }
```

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

Here you see how a box with a 4 pixel #B2AEC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2AEC9; -webkit-box-shadow:4px 4px  
4px 4px #B2AEC9; box-shadow:4px 4px 4px  
4px #B2AEC9 }
```

Background

The CSS property to change the background color of an element to Hex B2AEC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2AEC9 }
```

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

```
.background{ background-color:#B2AEC9 }
```

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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