

Converting Colors

Hex(B2AEC4)

Have a look what the booklet for
Hex(B2AEC4) contains.

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Color

Hex(B2AEC4)

Conversions

Conversions Part 1

Format	Color
Hex	B2AEC4
RGB	178, 174, 196
RGB Percent	70%, 68%, 77%
CMY	0.3020, 0.3176, 0.2314
CMYK	0.09, 0.11, 0.00, 0.23
HSL	251°, 16%, 73%
HSV	251°, 11%, 77%
XYZ	43.4600, 43.7226, 58.3733
YIQ	177.7040, -4.6780, 7.6900

Conversions

Conversions Part 2

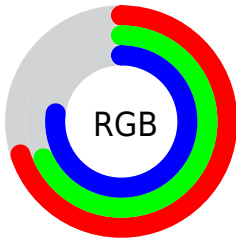
Format	Color
R_{YB}	178, 174, 196
Decimal	11710148
CIE _{Lab}	72.04, 5.71, -10.68
CIE _{LCh}	72, 12.105, 298.126
Yxy	43.7226, 0.2986, 0.3004
Android (android.graphics.Color)	4289900228 (0xFFB2AEC4)
YUV	177.7040, 9.0199, 0.2596
Hunter-Lab	66.1231, 1.6053, -6.0549

Details

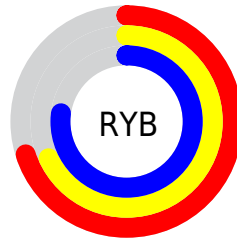
The Hex color **B2AEC4** is a light color, and the websafe version is hex **999999**. A complement of this color would be **C0C4AE**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **EAE5FD**, and **7D7A8E** is the 20% darker color. If you saturate the color by 10%, you get **A29AC4**, and if you desaturate by 10%, it is **C2C2C4**.

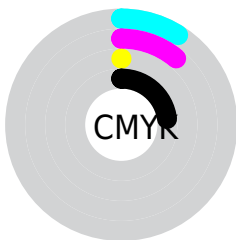
Distribution



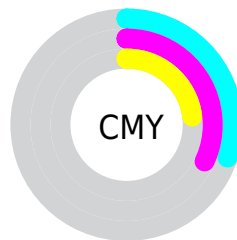
- Red (70%)
- Green (68%)
- Blue (77%)



- Red (70%)
- Yellow (68%)
- Blue (77%)



- Cyan (9%)
- Magenta (11%)
- Yellow (0%)
- Black (23%)



- Cyan (30%)
- Magenta (32%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2AEC4 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 B2AEC4 by changing the saturation by 10% instead.

 B2AEC4

 B2AEC4

FFFFFF

 9793A9

 EAE5FD

 7D7A8E

 646175

 4C495C

 353345

 201E2E

 0A041A

 000000

 B2AEC4

 B2AEC4

 A29AC4

 C2C2C4

 9287C4

 D2D5C4

 8273C4

 E2E9C4

 7260C4

 F2FCC4

 624CC4

 FFFFC4

 5238C4

 4225C4

 3211C4

 2400C4

Harmonies

Analogous

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



A4B2C6



B2AEC4



BFABBC

Triad

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



B2AEC4



C4AC9E



98B7AF

Complementary

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



B2AEC4



C0C4AE

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.



A2B6A5



B2AEC4



BAB09B

Square

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



B2AEC4



C8AAA7



AEB39D



95B7BB

Rectangle

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



B2AEC4



C5A9B5



AEB39D



9BB7AC

Sweetspot

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



B2AEC4



F9F7FF



AEC0C4



7B7A80



000000



808080

Same Dimension

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



B2AEC4



E4DEFF



BDAEC4



595761



1D00A1



060021

Inverse Universe

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



C4AEC0



FFDEF9



B5C4AE



61575F



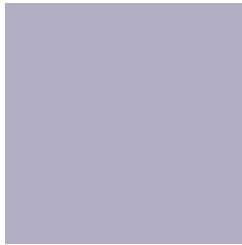
A10083



21001B

Previews

White Background



This preview shows how the Hex color B2AEC4 looks on a white background.

Color Contrast Check

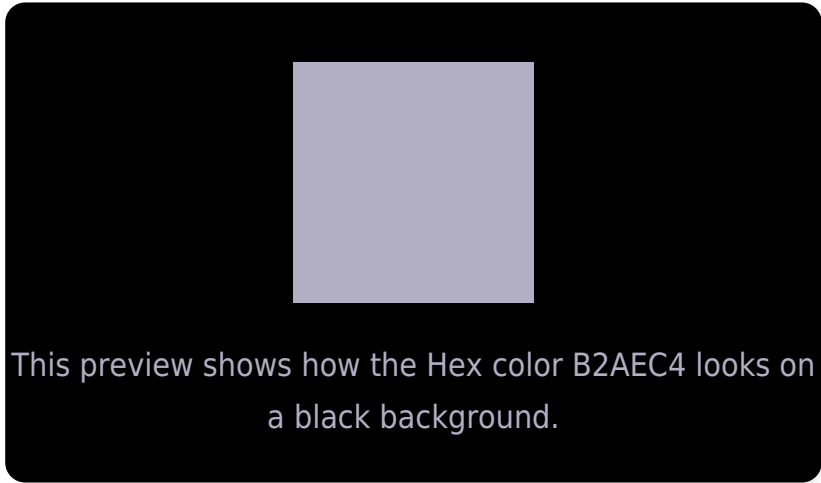
Large Text (above 18pt) WCAG AA × Fail

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

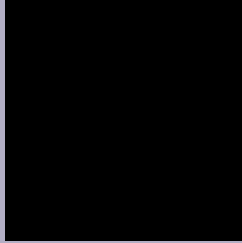
Any Text WCAG AA ✓ Pass

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 B2AEC4 Background



This preview shows how black text looks on a background with the Hex color B2AEC4.



This preview shows how white text looks on a background with the Hex color B2AEC4.

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
B2AEC4

Protanopia
AEAF C5

Deuteranopia
B8ACC4

Trichromacy



Original Color
B2AEC4

Protanomaly
AFAFC5

Deuteranomaly
B6ADC4

Tritanomaly
B1AFC0

Monochromacy



Original Color
B2AEC4

Achromatopsia
B2B2B2

Achromatomaly
B2B1B9

CSS Examples

Text

The CSS property to change the color of the text to Hex B2AEC4 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 #B2AEC4 looks like.

```
.text, #text, p{  
    color:#B2AEC4  
}
```

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 #B2AEC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2AEC4
}
```

Border

The CSS property to change the border of an element to Hex B2AEC4 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
#B2AEC4 }
```

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

```
.border{ border-color:#B2AEC4 }
```

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

Here you see how a box with a 4 pixel #B2AEC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2AEC4; -webkit-box-shadow:4px 4px  
4px 4px #B2AEC4; box-shadow:4px 4px 4px  
4px #B2AEC4 }
```

Background

The CSS property to change the background color of an element to Hex B2AEC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2AEC4 }
```

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

```
.background{ background-color:#B2AEC4 }
```

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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