

Converting Colors

Hex(B1AEC7)

Have a look what the booklet for
Hex(B1AEC7) contains.

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Color

Hex(B1AEC7)

Conversions

Conversions Part 1

Format	Color
Hex	B1AEC7
RGB	177, 174, 199
RGB Percent	69%, 68%, 78%
CMY	0.3059, 0.3176, 0.2196
CMYK	0.11, 0.13, 0.00, 0.22
HSL	247°, 18%, 73%
HSV	247°, 13%, 78%
XYZ	43.5763, 43.7427, 60.1793
YIQ	177.7470, -6.2370, 8.4110

Conversions

Conversions Part 2

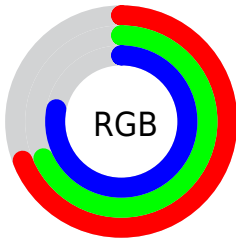
Format	Color
RYB	177, 174, 199
Decimal	11644615
CIELab	72.06, 5.99, -12.31
CIELCh	72, 13.691, 295.952
Yxy	43.7427, 0.2954, 0.2966
Android (android.graphics.Color)	4289834695 (0xFFB1AEC7)
YUV	177.7470, 10.4777, -0.6551
Hunter-Lab	66.1383, 1.8657, -7.6512

Details

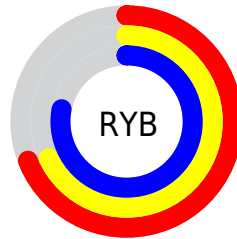
The Hex color **B1AEC7** is a light color, and the websafe version is hex **999999**. A complement of this color would be **C4C7AE**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **E9E5FF**, and **7C7A91** is the 20% darker color. If you saturate the color by 10%, you get **9F9AC7**, and if you desaturate by 10%, it is **C3C2C7**.

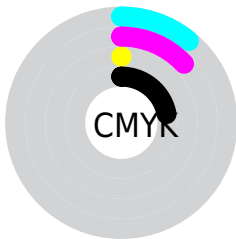
Distribution



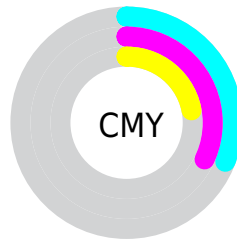
- Red (69%)
- Green (68%)
- Blue (78%)



- Red (69%)
- Yellow (68%)
- Blue (78%)



- Cyan (11%)
- Magenta (13%)
- Yellow (0%)
- Black (22%)



- Cyan (31%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1AEC7 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 B1AEC7 by changing the saturation by 10% instead.

 B1AEC7

 B1AEC7

FFFFFF

 9693AC

 E9E5FF

 7C7A91

 636177

 4B495F

 343347

 1F1E30

 09041C

 000000

 B1AEC7

 B1AEC7

9F9AC7

C3C2C7

8E86C7

D4D6C7

7C72C7

E6EAC7

6B5EC7

F7FEC7

594BC7

FFFFC7

4837C7

3623C7

250FC7

1800C7

Harmonies

Analogous

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



A1B2C9



B1AEC7



C0AABF

Triad

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



B1AEC7



C7AB9C



95B8AE

Complementary

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



B1AEC7



C4C7AE

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.



A1B6A2



B1AEC7



BDAF98

Square

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



B1AEC7



CBA9A6



AFB39A



91B8BB

Rectangle

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



B1AEC7



C7A9B7



AFB39A



98B8AA

Sweetspot

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



B1AEC7



F6F5FF



AEC4C7



7A7980



000000



808080

Same Dimension

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



B1AEC7



DDD9FF



BDAEC7



5B5A63



1400A3



040024

Inverse Universe

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



C7AEC4



FFD9FA



B8C7AE



635A62



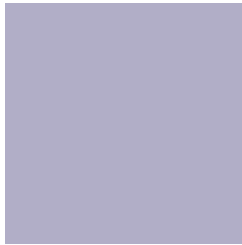
A30090



24001F

Previews

White Background



This preview shows how the Hex color B1AEC7 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 B1AEC7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

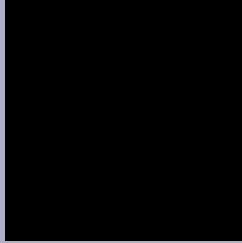
Any Text WCAG AA ✓ Pass

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 B1AEC7 Background



This preview shows how black text looks on a background with the Hex color B1AEC7.



This preview shows how white text looks on a background with the Hex color B1AEC7.

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
B1AEC7

Protanopia
ADAFC8

Deuteranopia
B7ACC7

Trichromacy



Original Color
B1AEC7

Protanomaly
AEAFC8

Deuteranomaly
B5ADC7

Tritanomaly
B0AFC1

Monochromacy



Original Color
B1AEC7

Achromatopsia
B2B2B2

Achromatomaly
B2B1BA

CSS Examples

Text

The CSS property to change the color of the text to Hex B1AEC7 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 #B1AEC7 looks like.

```
.text, #text, p{  
    color:#B1AEC7  
}
```

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 #B1AEC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1AEC7
}
```

Border

The CSS property to change the border of an element to Hex B1AEC7 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
#B1AEC7 }
```

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

```
.border{ border-color:#B1AEC7 }
```

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

Here you see how a box with a 4 pixel #B1AEC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1AEC7; -webkit-box-shadow:4px 4px  
4px 4px #B1AEC7; box-shadow:4px 4px 4px  
4px #B1AEC7 }
```

Background

The CSS property to change the background color of an element to Hex B1AEC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1AEC7 }
```

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

```
.background{ background-color:#B1AEC7 }
```

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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