

# Converting Colors

Hex(B2BABE)

Have a look what the booklet for  
Hex(B2BABE) contains.

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# **Color**

**Hex(B2BABE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2BABE
RGB	178, 186, 190
RGB Percent	70%, 73%, 75%
CMY	0.3020, 0.2706, 0.2549
CMYK	0.06, 0.02, 0.00, 0.25
HSL	200°, 8%, 72%
HSV	200°, 6%, 75%
XYZ	45.2133, 48.3005, 55.6551
YIQ	184.0640, -6.0520, -0.4520

# Conversions

## Conversions Part 2

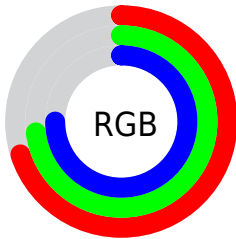
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 183, 190
Decimal	11713214
CIELab	75.01, -1.99, -2.99
CIELCh	75, 3.592, 236.363
Yxy	48.3005, 0.3031, 0.3238
Android (android.graphics.Color)	4289903294 (0xFFB2BABE)
YUV	184.0640, 2.9264, -5.3181
Hunter-Lab	69.4986, -5.4968, 1.1690

# Details

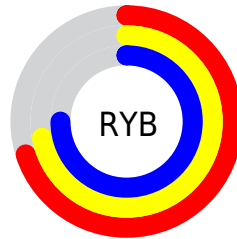
The Hex color **B2BABE** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **BEB6B2**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **EAF2F6**, and **7D8589** is the 20% darker color. If you saturate the color by 10%, you get **9FB4BE**, and if you desaturate by 10%, it is **C5C0BE**.

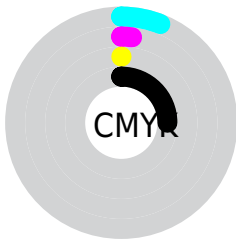
# Distribution



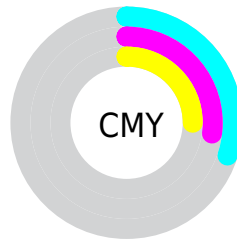
- Red (70%)
- Green (73%)
- Blue (75%)



- Red (70%)
- Yellow (72%)
- Blue (75%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (25%)



- Cyan (30%)
- Magenta (27%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2BABE 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 B2BABE by changing the saturation by 10% instead.



 B2BABE

 B2BABE

FFFFFF

 979FA3

 EAF2F6

 7D8589

 646C6F

 4C5357

 363C40

 20272A

 0A1215

 000000

 B2BABE

 B2BABE

9FB4BE

C5C0BE

8CADBE

D8C7BE

79A7BE

EBCDBE

66A1BE

FED3BE

539ABE

FFDABE

4094BE

FFE0BE

2D8EBE

FFE6BE

1A87BE

FFEDBE

0781BE

FFF3BE

# Harmonies

## Analogous

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



B1BBBB



B2BABE



B5B9BF

# Triad

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



B2BABE



BFB7B9



B8B9B3

# Complementary

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



B2BABE



BEB6B2

# 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.



BCB8B2



B2BABE



C0B7B6

# Square

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



B2BABE



BDB7BC



BFB7B3



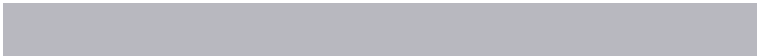
B4BAB5

# Rectangle

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



**B2BABE**



**B8B8BF**



**BFB7B3**



**BAB9B2**



# Sweetspot

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



B2BABE



F2F6F7



B2BEB6



7A7C7D



FCFCFC



7D7D7D

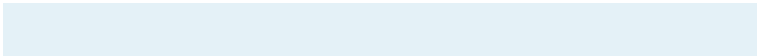


# Same Dimension

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



B2BABE



E4F1F7



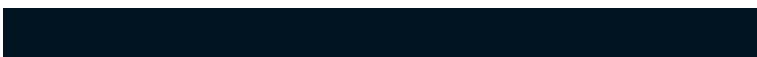
B2B4BE



555B5E



00699E



00141F



# Inverse Universe

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



BEB2BA



F7E4F1



BEBCB2



5E555B



9E0069

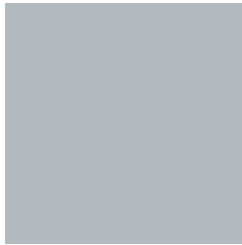


1F0014



# Previews

## White Background



This preview shows how the Hex color B2BABE looks on a white background.

## Color Contrast Check

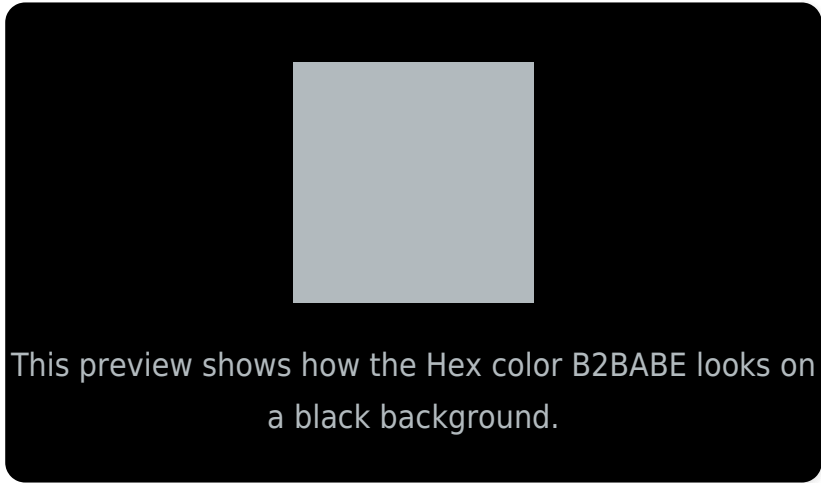
Large Text (above 18pt) WCAG AA × Fail

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

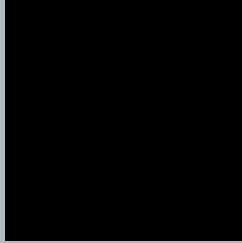
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

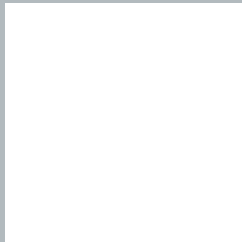
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B2BABE Background



This preview shows how black text looks on a background with the Hex color B2BABE.



This preview shows how white text looks on a background with the Hex color B2BABE.

# 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**  
B4B9C7

# Trichromacy



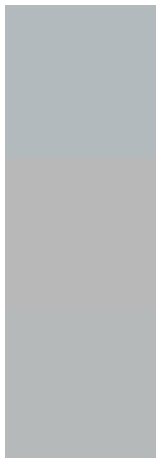
**Original Color**  
B2BABE

**Protanomaly**  
B8B9BD

**Deuteranomaly**  
BFB6BF

**Tritanomaly**  
B3B9C4

# Monochromacy



**Original Color**  
B2BABE

**Achromatopsia**  
B8B8B8

**Achromatomaly**  
B6B9BA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2BABE 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 #B2BABE looks like.

```
.text, #text, p{  
    color:#B2BABE  
}
```

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 #B2BABE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2BABE }  
}
```

## Border

The CSS property to change the border of an element to Hex B2BABE 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 #B2BABE }  
}
```

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

```
.border{ border-color:#B2BABE }
```

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

Here you see how a box with a 4 pixel #B2BABE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2BABE; -webkit-box-shadow:4px 4px  
4px 4px #B2BABE; box-shadow:4px 4px 4px  
4px #B2BABE }
```

# Background

The CSS property to change the background color of an element to Hex B2BABE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2BABE }
```

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

```
.background{ background-color:#B2BABE }
```

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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