

# Converting Colors

Hex(ABB1B7)

Have a look what the booklet for  
Hex(ABB1B7) contains.

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# **Color**

**Hex(ABB1B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABB1B7
RGB	171, 177, 183
RGB Percent	67%, 69%, 72%
CMY	0.3294, 0.3059, 0.2824
CMYK	0.07, 0.03, 0.00, 0.28
HSL	210°, 8%, 69%
HSV	210°, 7%, 72%
XYZ	41.0640, 43.5211, 51.0359
YIQ	175.8900, -5.5020, 0.5940

# Conversions

## Conversions Part 2

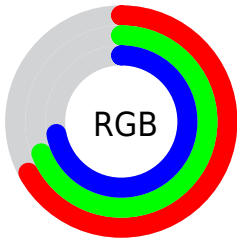
Format	Color
<a href="#">RYB</a>	<a href="#">171, 175, 183</a>
Decimal	<a href="#">11252151</a>
CIELab	<a href="#">71.91, -0.92, -3.79</a>
CIELCh	<a href="#">72, 3.905, 256.329</a>
Yxy	<a href="#">43.5211, 0.3028, 0.3209</a>
Android (android.graphics.Color)	<a href="#">4289442231 (0xFFABB1B7)</a>
YUV	<a href="#">175.8900, 3.5052, -4.2885</a>
Hunter-Lab	<a href="#">65.9705, -4.3394, 0.3117</a>

# Details

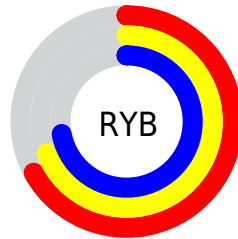
The Hex color **ABB1B7** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B7B1AB**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **E2E9EF**, and **777C82** is the 20% darker color. If you saturate the color by 10%, you get **99A8B7**, and if you desaturate by 10%, it is **BDBAB7**.

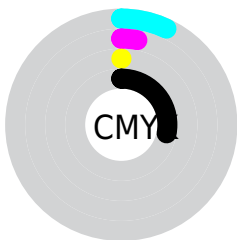
# Distribution



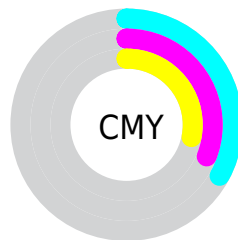
- Red (67%)
- Green (69%)
- Blue (72%)



- Red (67%)
- Yellow (69%)
- Blue (72%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)



- Cyan (33%)
- Magenta (31%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABB1B7 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 ABB1B7 by changing the saturation by 10% instead.



■ ABB1B7

■ ABB1B7

FFFFFF

■ 90969C

■ E2E9EF

■ 777C82

■ 5E6469

■ 464C51

■ 30353A

■ 1B2024

■ 00080F

■ 000000

■ ABB1B7

■ ABB1B7

■ 99A8B7

■ BDBAB7

■ 869FB7

■ D0C3B7

■ 7496B7

■ E2CCB7

■ 628CB7

■ F4D6B7

■ 4F83B7

■ FFD7B7

■ 3D7AB7

■ FFE8B7

■ 2B71B7

■ FFF1B7

■ 1968B7

■ FFFAB7

■ 065FB7

■ FFFF7

# Harmonies

## Analogous

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



A8B2B5



ABB1B7



AFB0B7

# Triad

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



ABB1B7



B8AEAE



ADB2AB

# Complementary

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



ABB1B7



B7B1AB

# 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.



B1B1A9



ABB1B7



B8AEAB

# Square

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



ABB1B7



B7AEB2



B5AFA9



AAB2AE

# Rectangle

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



ABB1B7



B2AFB6



B5AFA9



AEB1AA

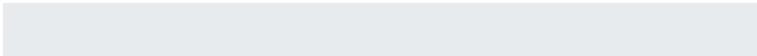


# Sweetspot

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



ABB1B7



E8EBED



ABB7B1



757778



F7F7F7



787878

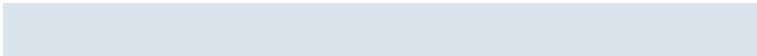


# Same Dimension

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



ABB1B7



DAE4ED



ABABB7



53575C



004E9C



000E1C



# Inverse Universe

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



B7ABB1



EDDAE4



B7B7AB



5C5357



9C004E

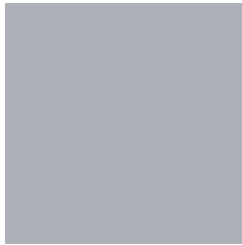


1C000E



# Previews

## White Background



This preview shows how the Hex color ABB1B7 looks on a white background.

## Color Contrast Check

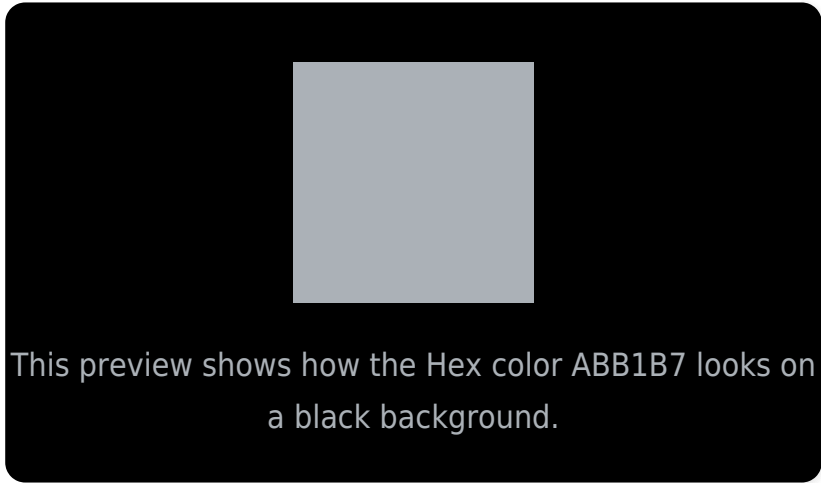
Large Text (above 18pt) WCAG AA × Fail

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

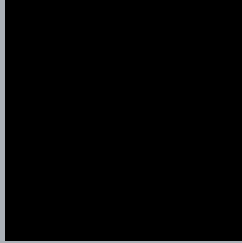
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

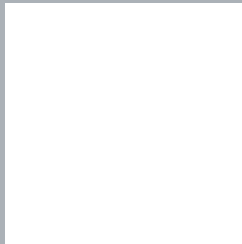
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ABB1B7 Background



This preview shows how black text looks on a background with the Hex color ABB1B7.

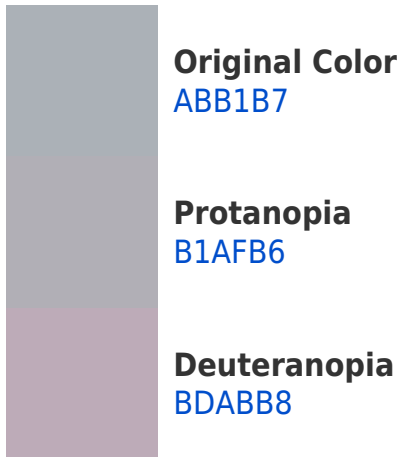


This preview shows how white text looks on a background with the Hex color ABB1B7.

# 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





# Trichromacy



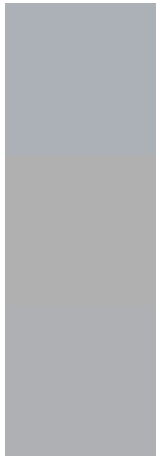
**Original Color**  
ABB1B7

**Protanomaly**  
AFB0B6

**Deuteranomaly**  
B6ADB8

**Tritanomaly**  
ACB0BB

# Monochromacy



**Original Color**  
ABB1B7

**Achromatopsia**  
B0B0B0

**Achromatomaly**  
AEB0B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABB1B7 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 #ABB1B7 looks like.

```
.text, #text, p{  
    color:#ABB1B7  
}
```

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 #ABB1B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABB1B7  
}
```

## Border

The CSS property to change the border of an element to Hex ABB1B7 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  
#ABB1B7 }
```

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

```
.border{ border-color:#ABB1B7 }
```

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

Here you see how a box with a 4 pixel #ABB1B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABB1B7; -webkit-box-shadow:4px 4px  
4px 4px #ABB1B7; box-shadow:4px 4px 4px  
4px #ABB1B7 }
```

# Background

The CSS property to change the background color of an element to Hex ABB1B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABB1B7 }
```

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

```
.background{ background-color:#ABB1B7 }
```

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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