

# Converting Colors

Hex(ABC2AB)

Have a look what the booklet for  
Hex(ABC2AB) contains.

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# **Color**

**Hex(ABC2AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABC2AB
RGB	171, 194, 171
RGB Percent	67%, 76%, 67%
CMY	0.3294, 0.2392, 0.3294
CMYK	0.12, 0.00, 0.12, 0.24
HSL	120°, 16%, 72%
HSV	120°, 12%, 76%
XYZ	43.4371, 50.1818, 45.9248
YIQ	184.5010, -6.3250, -12.0290

# Conversions

## Conversions Part 2

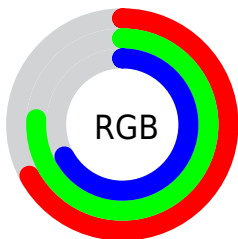
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 194, 194
Decimal	11256491
CIELab	76.18, -12.20, 8.94
CIElCh	76, 15.125, 143.751
Yxy	50.1818, 0.3113, 0.3596
Android (android.graphics.Color)	4289446571 (0xFFABC2AB)
YUV	184.5010, -6.6560, -11.8404
Hunter-Lab	70.8391, -14.5159, 11.1499

# Details

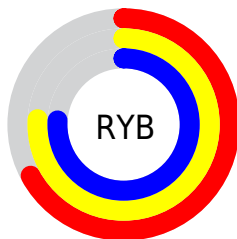
The Hex color **ABC2AB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C2ABC2**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **E2FBE2**, and **778C77** is the 20% darker color. If you saturate the color by 10%, you get **98C298**, and if you desaturate by 10%, it is **BEC2BE**.

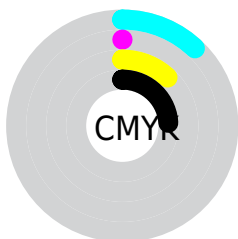
# Distribution



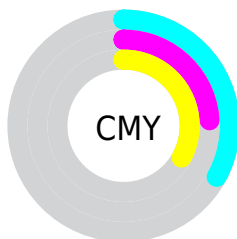
- Red (67%)
- Green (76%)
- Blue (67%)



- Red (67%)
- Yellow (76%)
- Blue (76%)



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (24%)



- Cyan (33%)
- Magenta (24%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABC2AB 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 ABC2AB by changing the saturation by 10% instead.



 ABC2AB

 ABC2AB

FFFFFF

 90A790

 E2FBE2


 778C77

 5E735E

 465A46

 2F4330

 1A2C1B

 011900

 000000

 ABC2AB

 ABC2AB

 98C298

 BEC2BE

 84C284

 D2C2D2

 71C271

 E5C2E5

 5DC25D

 F9C2F9

 4AC24A

 FFC2FF

 37C237

 23C223

 10C210

 00C200

# Harmonies

## Analogous

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



BBBEA2



ABC2AB



9EC4B8

# Triad

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



ABC2AB



A9BED7



DAB3B1

# Complementary

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



ABC2AB



C2ABC2

# 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.



D6B3BF



ABC2AB



BBB9D5

# Square

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



ABC2AB



9CC2D2



CBB5CD



D5B6A6

# Rectangle

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



ABC2AB



99C4C2



CBB5CD



DAB2B6

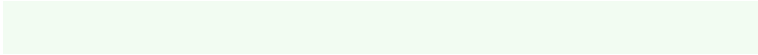


# Sweetspot

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



ABC2AB



F2FCF2



C2C2AB



798079



000000



808080

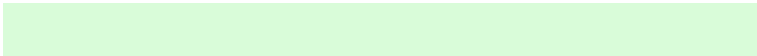


# Same Dimension

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



ABC2AB



D9FCD9



ABC2B6



576157



00A100



002100



# Inverse Universe

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



C2ABC2



FCD9FC



C2ABB6



615761



A100A1

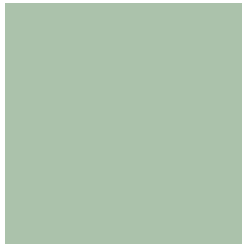


210021



# Previews

## White Background



This preview shows how the Hex color ABC2AB looks on a white background.

## Color Contrast Check

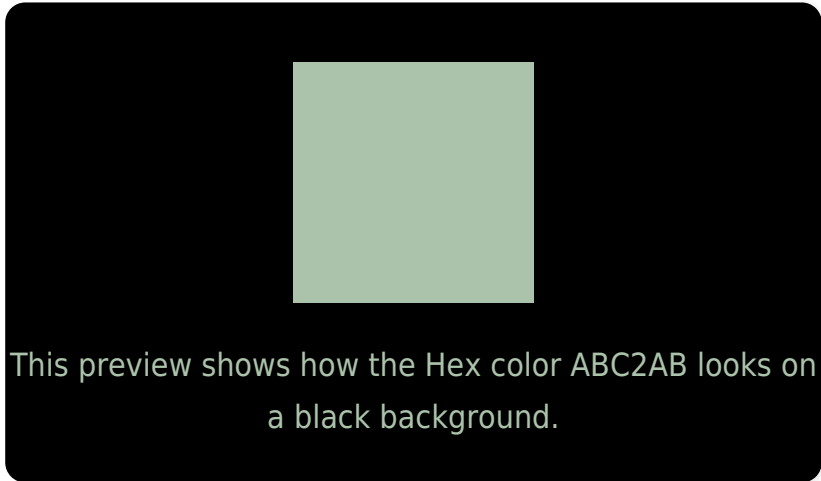
Large Text (above 18pt) WCAG AA × Fail

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

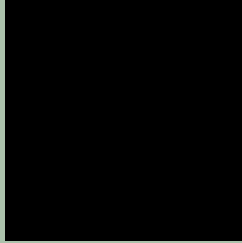
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ABC2AB Background



This preview shows how black text looks on a background with the Hex color ABC2AB.

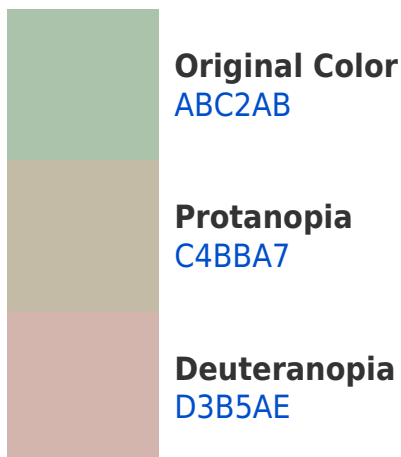


This preview shows how white text looks on a background with the Hex color ABC2AB.

# Color Blindness Simulation

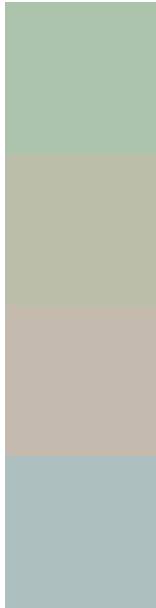
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



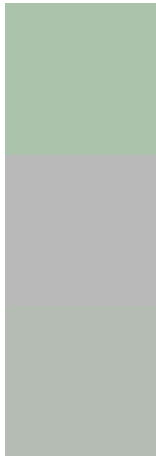
**Original Color**  
ABC2AB

**Protanomaly**  
BBBEA8

**Deuteranomaly**  
C4BAAD

**Tritanomaly**  
AEBFC0

# Monochromacy



**Original Color**  
ABC2AB

**Achromatopsia**  
B9B9B9

**Achromatomaly**  
B4BCB4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABC2AB 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 #ABC2AB looks like.

```
.text, #text, p{  
    color:#ABC2AB  
}
```

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 #ABC2AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABC2AB
}
```

## Border

The CSS property to change the border of an element to Hex ABC2AB 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
#ABC2AB }
```

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

```
.border{ border-color:#ABC2AB }
```

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

Here you see how a box with a 4 pixel `#ABC2AB` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABC2AB; -webkit-box-shadow:4px 4px  
4px 4px #ABC2AB; box-shadow:4px 4px 4px  
4px #ABC2AB }
```

# Background

The CSS property to change the background color of an element to Hex ABC2AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABC2AB }
```

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

```
.background{ background-color:#ABC2AB }
```

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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