

# Converting Colors

Hex(A3CBCB)

Have a look what the booklet for  
Hex(A3CBCB) contains.

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# **Color**

**Hex(A3CBCB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A3CBCB
RGB	163, 203, 203
RGB Percent	64%, 80%, 80%
CMY	0.3608, 0.2039, 0.2039
CMYK	0.20, 0.00, 0.00, 0.20
HSL	180°, 28%, 72%
HSV	180°, 20%, 80%
XYZ	47.2397, 54.8102, 64.5895
YIQ	191.0400, -23.8400, -8.4800

# Conversions

## Conversions Part 2

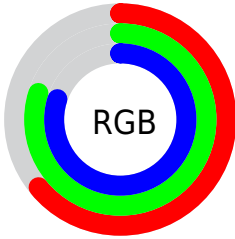
Format	Color
<a href="#">RYB</a>	<a href="#">163, 183, 203</a>
Decimal	<a href="#">10734539</a>
CIELab	<a href="#">78.93, -13.13, -4.37</a>
CIElCh	<a href="#">79, 13.839, 198.414</a>
Yxy	<a href="#">54.8102, 0.2835, 0.3289</a>
Android (android.graphics.Color)	<a href="#">4288924619</a> ( <a href="#">0xFFA3CBCB</a> )
YUV	<a href="#">191.0400, 5.8963, -24.5911</a>
Hunter-Lab	<a href="#">74.0339, -15.6618, 0.0973</a>

# Details

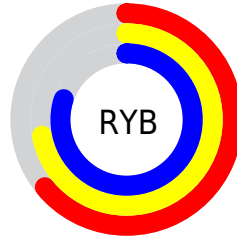
The Hex color **A3CBCB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CBA3A3**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **DBFFFF**, and **6E9595** is the 20% darker color. If you saturate the color by 10%, you get **8FCBCB**, and if you desaturate by 10%, it is **B7CBCB**.

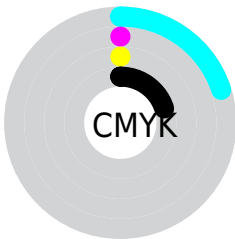
# Distribution



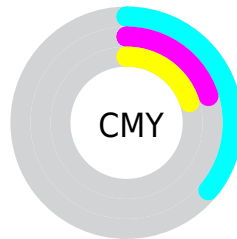
- Red (64%)
- Green (80%)
- Blue (80%)



- Red (64%)
- Yellow (72%)
- Blue (80%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (36%)
- Magenta (20%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3CBCB 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 A3CBCB by changing the saturation by 10% instead.



 A3CBCB

 A3CBCB

FFFFFF

 88B0B0

 DBFFFF

 6E9595

 F7FFFF

 557B7B

 3D6262

 254A4B

 0C3334

 001E1F

 000006

 000000

 A3CBCB

 A3CBCB

 8FCBCB

 B7CBCB

 7ACBCB

 CCCBCB

 66CBCB

 E0CBCB

 52CBCB

 F4CBCB

 3ECBCB

 FFCBCB

 29CBCB

 15CBCB

 01CBCB

 00CBCB

# Harmonies

## Analogous

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



AACBBE



A3CBCB



A5C9D6

# Triad

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



A3CBCB



CFBED5



D3C1AA

# Complementary

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



A3CBCB



CBA3A3

# 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.



DCBDB1



A3CBCB



DBBBC9

# Square

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



A3CBCB



C0C2DC



DFBBBC



C5C5AB

# Rectangle

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



A3CBCB



ACC7DB



DFBBBC



D7BFAC

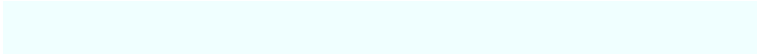


# Sweetspot

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



A3CBCB



F0FFFF



A3CBA3



778080



000000



808080

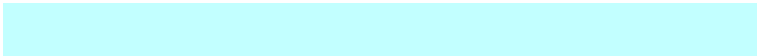


# Same Dimension

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



A3CBCB



C2FFFF



A3B7CB



5C6666



00A6A6



002626



# Inverse Universe

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



CBA3CB



FFC2FF



CBB7A3



665C66



A600A6

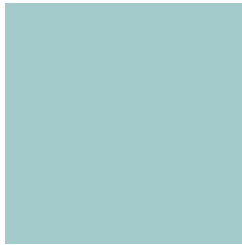


260026



# Previews

## White Background



This preview shows how the Hex color A3CBCB looks on a white background.

## Color Contrast Check

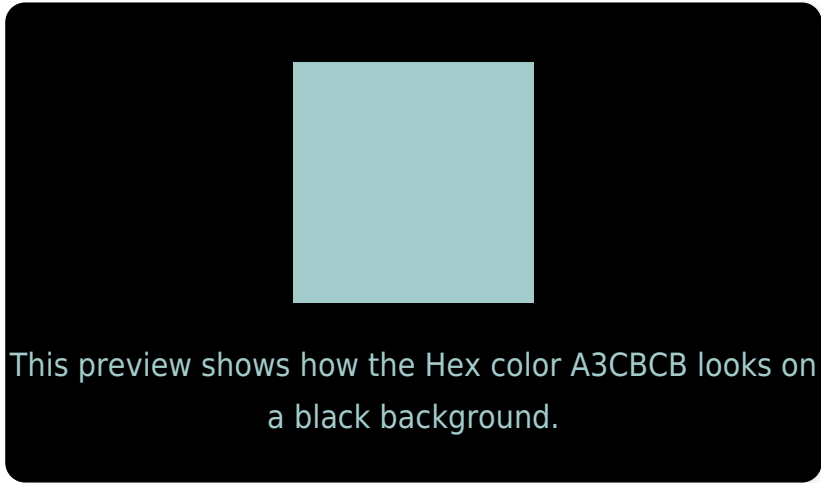
Large Text (above 18pt) WCAG AA × Fail

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

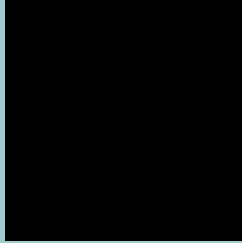
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

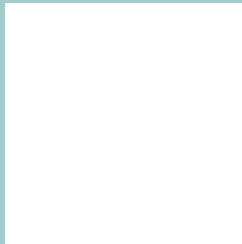
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A3CBCB Background



This preview shows how black text looks on a background with the Hex color A3CBCB.

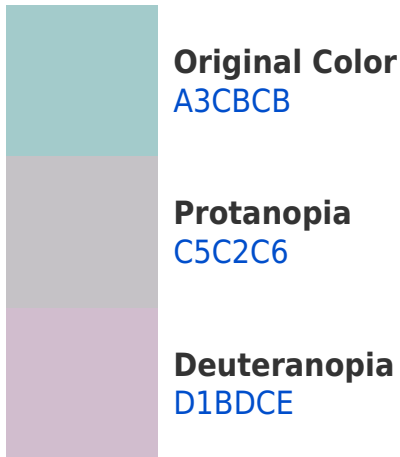


This preview shows how white text looks on a background with the Hex color A3CBCB.

# 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**  
A6C9D9

# Trichromacy



**Original Color**  
A3CBCB

**Protanomaly**  
B9C5C8

**Deuteranomaly**  
C0C2CD

**Tritanomaly**  
A5CAD4

# Monochromacy



**Original Color**  
A3CBCB

**Achromatopsia**  
BFBFBF

**Achromatomaly**  
B5C3C3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3CBCB 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 #A3CBCB looks like.

```
.text, #text, p{  
    color:#A3CBCB  
}
```

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 #A3CBCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3CBCB
}
```

## Border

The CSS property to change the border of an element to Hex A3CBCB 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
#A3CBCB }
```

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

```
.border{ border-color:#A3CBCB }
```

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

Here you see how a box with a 4 pixel #A3CBCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3CBCB; -webkit-box-shadow:4px 4px  
4px 4px #A3CBCB; box-shadow:4px 4px 4px  
4px #A3CBCB }
```

# Background

The CSS property to change the background color of an element to Hex A3CBCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3CBCB }
```

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

```
.background{ background-color:#A3CBCB }
```

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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