

# Converting Colors

Hex(A2BBBC)

Have a look what the booklet for  
Hex(A2BBBC) contains.

<b>Hex(A2BBBC)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	11
<i><b>Previews</b></i>	23
<i><b>Color Blindness Simulation</b></i>	26
<i><b>CSS Examples</b></i>	29

# Color

**Hex(A2BBBC)**

# Conversions

Conversions Part 1	
Format	Color
Hex	A2BBBC
RGB	162, 187, 188
RGB Percent	64%, 73%, 74%
CMY	0.3647, 0.2667, 0.2627
CMYK	0.14, 0.01, 0.00, 0.26
HSL	182°, 16%, 69%
HSV	182°, 14%, 74%
XYZ	41.7477, 46.8529, 54.4201
YIQ	179.6390, -15.2210, -4.9890

# Conversions

## Conversions Part 2

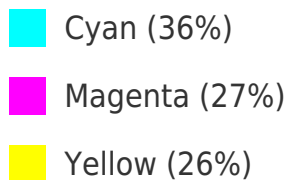
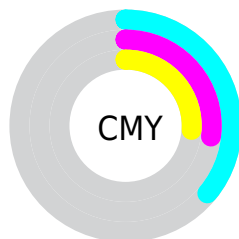
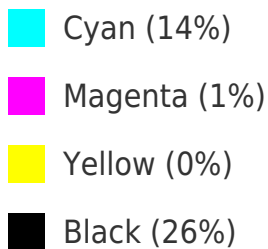
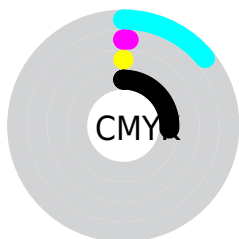
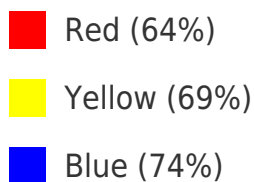
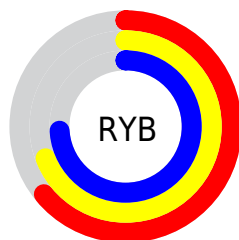
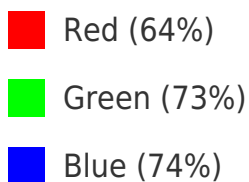
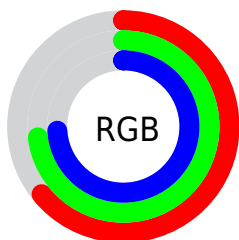
Format	Color
<a href="#">RYB</a>	<a href="#">162, 175, 188</a>
Decimal	<a href="#">10664892</a>
CIELab	<a href="#">74.10, -8.27, -3.38</a>
CIELCh	<a href="#">74, 8.934, 202.245</a>
Yxy	<a href="#">46.8529, 0.2919, 0.3276</a>
Android (android.graphics.Color)	<a href="#">4288854972</a> (0xFFA2BBBC)
YUV	<a href="#">179.6390, 4.1220, -15.4694</a>
Hunter-Lab	<a href="#">68.4492, -10.9174, 0.7762</a>

# Details

The Hex color **A2BBBC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BCA3A2**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **D9F3F4**, and **6E8687** is the 20% darker color. If you saturate the color by 10%, you get **8FBABC**, and if you desaturate by 10%, it is **B5BCBC**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color A2BBBC 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 A2BBBC by changing the saturation by 10% instead.



 A2BBBC

FFFFFF

 D9F3F4

 F6FFFF

 A2BBBC

 88A0A1

 6E8687

 556D6E

 3E5455

 273D3E

 122728

 001314

 000000

 A2BBBC

 A2BBBC

 8FBABC B5BCBC 7CBABC C8BCBC 6AB9BC DABDBC 57B8BC EDBEBC 44B7BC FFBFBC 31B7BC FFC0BC 1EB6BC FFC1BC 0CB5BC FFC2BC 00B5BC

# Harmonies

## Analogous

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



A5BBB4



A2BBBC



A4BAC3

# Triad

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



A2BBBC



BFB2C0



BFB5A6

# Complementary

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



A2BBBC



BCA3A2

# 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.



C6B2A9



A2BBBC



C6B1B9

# Square

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



A2BBBC



B5B5C5



C8B1B0



B6B8A7

# Rectangle

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



A2BBBC



A9B8C5



C8B1B0



C2B4A7

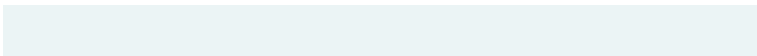


# Sweetspot

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



A2BBBC



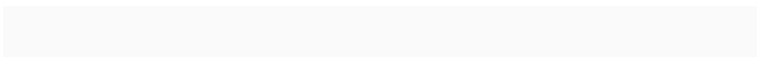
EBF4F5



A2BCA3



747A7A



FAFAFA



7A7A7A



# Same Dimension

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



A2BBBC



CBF3F5



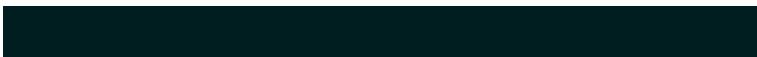
A2AEBC



555E5E



00989E



001D1F



# Inverse Universe

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



BCA2BB



F5CBF3



BCB0A2



5E555E



9E0098

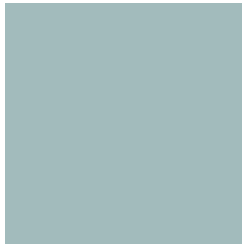


1F001D



# Previews

## White Background



This preview shows how the Hex color A2BBBC looks on a white background.

## Color Contrast Check

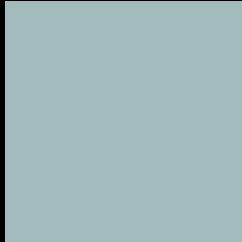
Large Text (above 18pt) WCAG AA × Fail

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 A2BBBC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

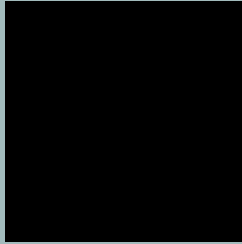
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

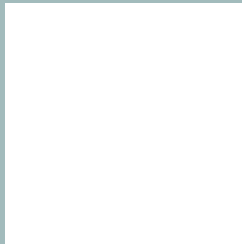
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A2BBBC Background



This preview shows how black text looks on a background with the Hex color A2BBBC.



This preview shows how white text looks on a background with the Hex color A2BBBC.

# 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**

A2BBBC

**Protanopia**

B8B5B8

**Deuteranopia**

C4B0BE

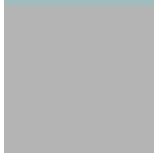



**Tritanopia**  
A4B9C8

# Trichromacy

	<b>Original Color</b> A2BBBC
	<b>Protanomaly</b> B0B7B9
	<b>Deuteranomaly</b> B8B4BD
	<b>Tritanomaly</b> A3BAC4

# Monochromacy

	<b>Original Color</b> A2BBBC
	<b>Achromatopsia</b> B4B4B4
	<b>Achromatomaly</b> ADB7B7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2BBBC 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 #A2BBBC looks like.

```
.text, #text, p{  
    color:#A2BBBC  
}
```

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 #A2BBBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2BBBC
}
```

## Border

The CSS property to change the border of an element to Hex A2BBBC 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
#A2BBBC }
```

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

```
.border{ border-color:#A2BBBC }
```

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

Here you see how a box with a 4 pixel #A2BBBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2BBBC; -webkit-box-shadow:4px 4px  
4px 4px #A2BBBC; box-shadow:4px 4px 4px  
4px #A2BBBC }
```

# Background

The CSS property to change the background color of an element to Hex A2BBBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2BBBC }
```

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

```
.background{ background-color:#A2BBBC }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor