

Converting Colors

Hex(AABB33)

Have a look what the booklet for
Hex(AABBB3) contains.

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Color

Hex(AABB3)

Conversions

Conversions Part 1

Format	Color
Hex	AABBB3
RGB	170, 187, 179
RGB Percent	67%, 73%, 70%
CMY	0.3333, 0.2667, 0.2980
CMYK	0.09, 0.00, 0.04, 0.27
HSL	152°, 11%, 70%
HSV	152°, 9%, 73%
XYZ	42.4846, 47.3414, 49.5464
YIQ	181.0050, -7.5640, -6.0920

Conversions

Conversions Part 2

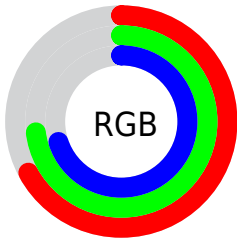
Format	Color
RYB	170, 181, 187
Decimal	11189171
CIELab	74.41, -7.39, 2.04
CIElCh	74, 7.668, 164.549
Yxy	47.3414, 0.3048, 0.3397
Android (android.graphics.Color)	4289379251 (0xFFAABBB3)
YUV	181.0050, -0.9885, -9.6514
Hunter-Lab	68.8051, -10.1917, 5.4689

Details

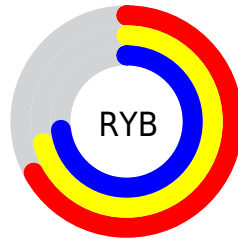
The Hex color **AABBB3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **BBAAB2**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **E1F3EB**, and **76867E** is the 20% darker color. If you saturate the color by 10%, you get **97BBAA**, and if you desaturate by 10%, it is **BDBBBC**.

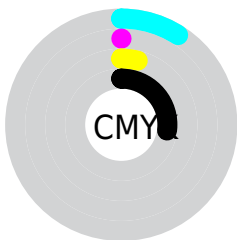
Distribution



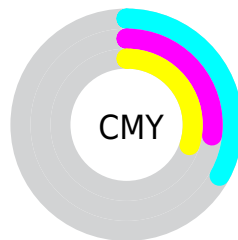
- Red (67%)
- Green (73%)
- Blue (70%)



- Red (67%)
- Yellow (71%)
- Blue (73%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (27%)



- Cyan (33%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color AABBB3 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 AABBB3 by changing the saturation by 10% instead.

 AABB B3

FFFFFF

 E1F3EB

FFFFFF

 AABB B3

 8FA098

 76867E

 5D6D65

 45544D

 2F3D37

 1A2721

 00130B

 000000

 AABB B3

 AABB B3

 97BBAA

 BDBBBC

 85BBA1

 CFBBC5

 72BB99

 E2BBCD

 5FBB90

 F5BBD6

 4CBB87

 FFBBDF

 3ABB7E

 FFBBE8

 27BB75

 FFBBF1

 14BB6D

 FFBBF9

 02BB64

 FFBBFF

Harmonies

Analogous

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



B1BAAD



AABBB3



A6BBBA

Triad

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



AABBB3



B4B6C5



C5B3AD

Complementary

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



AABBB3



BBAAB2

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.



C6B2B4



AABBB3



BDB4C1

Square

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



AABBB3



ACB9C4



C3B3BB



C1B5AA

Rectangle

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



AABBB3



A6BBBF



C3B3BB



C6B3AF

Sweetspot

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



AABBB3



EBF2EF



B2BBAA



767A78



FAFAFA



7A7A7A

Same Dimension

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



AABBB3



D8F2E6



AABBBB



555E5A



009E54



001F10

Inverse Universe

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



BBAAB2



F2D8E4



BBAAAA



5E5559



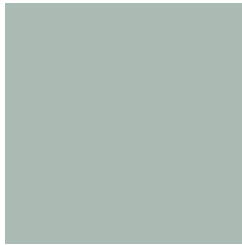
9E004A



1F000E

Previews

White Background



This preview shows how the Hex color AABBB3 looks on a white background.

Color Contrast Check

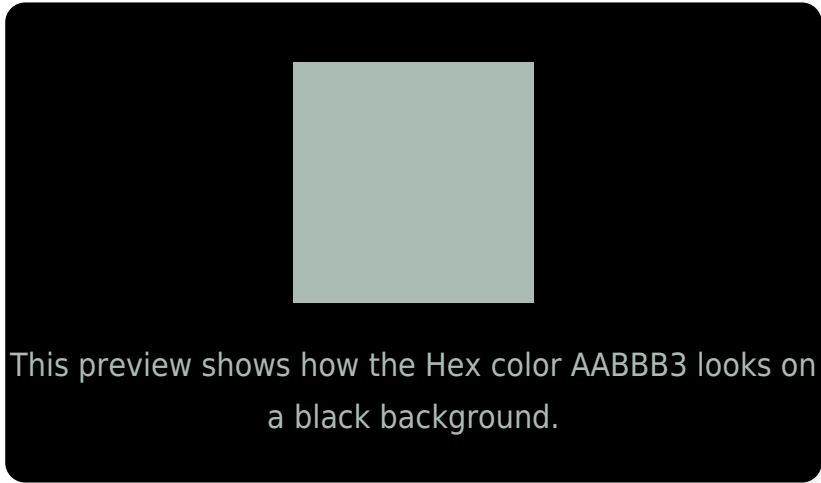
Large Text (above 18pt) WCAG AA × Fail

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

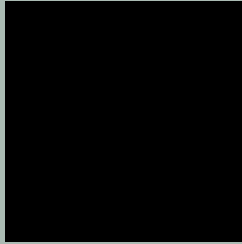
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

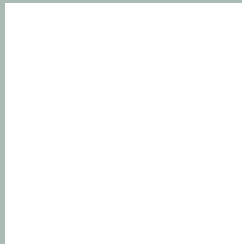
Any Text WCAG AAA ✓ Pass

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

Hex AABBB3 Background



This preview shows how black text looks on a background with the Hex color AABBB3.



This preview shows how white text looks on a background with the Hex color AABBB3.

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



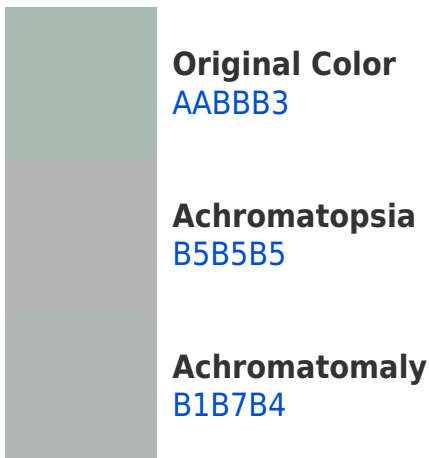


Tritanopia
ADB8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AABBB3 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 #AABBB3 looks like.

```
.text, #text, p{  
    color:#AABBB3  
}
```

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 #AABBB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AABBB3  
}
```

Border

The CSS property to change the border of an element to Hex AABBB3 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  
#AABBB3 }
```

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

```
.border{ border-color:#AABBB3 }
```

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

Here you see how a box with a 4 pixel #AABBB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AABBB3; -webkit-box-shadow:4px 4px  
4px 4px #AABBB3; box-shadow:4px 4px 4px  
4px #AABBB3 }
```

Background

The CSS property to change the background color of an element to Hex AABBB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AABBB3 }
```

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

```
.background{ background-color:#AABBB3 }
```

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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