

# Converting Colors

Hex(AAA0B3)

Have a look what the booklet for  
Hex(AAA0B3) contains.

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# **Color**

**Hex(AAA0B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAA0B3
RGB	170, 160, 179
RGB Percent	67%, 63%, 70%
CMY	0.3333, 0.3725, 0.2980
CMYK	0.05, 0.11, 0.00, 0.30
HSL	272°, 11%, 66%
HSV	272°, 11%, 70%
XYZ	37.2851, 36.9423, 47.8133
YIQ	165.1560, -0.1390, 8.0290

# Conversions

## Conversions Part 2

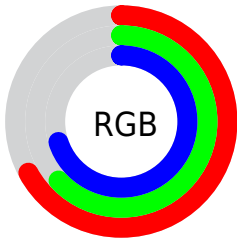
Format	Color
<a href="#">RYB</a>	<a href="#">170, 160, 179</a>
Decimal	<a href="#">11182259</a>
CIELab	<a href="#">67.23, 7.25, -8.51</a>
CIElCh	<a href="#">67, 11.181, 310.433</a>
Yxy	<a href="#">36.9423, 0.3055, 0.3027</a>
Android (android.graphics.Color)	<a href="#">4289372339</a> ( <a href="#">0xFFAAA0B3</a> )
YUV	<a href="#">165.1560, 6.8251, 4.2482</a>
Hunter-Lab	<a href="#">60.7802, 3.1338, -4.0948</a>

# Details

The Hex color **AAA0B3** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A9B3A0**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **E1D7EB**, and **766D7E** is the 20% darker color. If you saturate the color by 10%, you get **A28EB3**, and if you desaturate by 10%, it is **B2B2B3**.

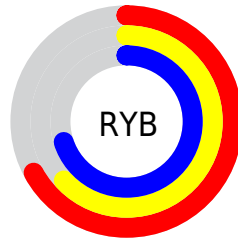
# Distribution



Red (67%)

Green (63%)

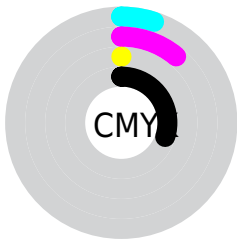
Blue (70%)



Red (67%)

Yellow (63%)

Blue (70%)

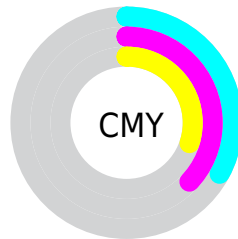


Cyan (5%)

Magenta (11%)

Yellow (0%)

Black (30%)



Cyan (33%)

Magenta (37%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAA0B3 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 AAA0B3 by changing the saturation by 10% instead.



■ AAA0B3

■ AAA0B3

FFFFFF

■ 8F8698

■ E1D7EB

■ 766D7E

■ FEF3FF

■ 5D5465

■ 453D4D

■ 2F2737

■ 1A1321

■ 000009

■ 000000

■ AAA0B3


■ AAA0B3

 A28EB3

 B2B2B3

 997CB3

 BBC4B3

 916AB3

 C3D6B3

 8858B3

 CCE8B3

 8047B3

 D4F9B3

 7735B3

 DDFFB3

 6F23B3

 E5FFB3

 6611B3

 EEFFB3

 5E00B3

 F6FFB3

# Harmonies

## Analogous

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



9DA3B7



AAA0B3



B49EAB

# Triad

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



AAA0B3



B2A191



8BAAA7

# Complementary

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



AAA0B3



A9B3A0

# 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.



92A99D



AAA0B3



A8A490

# Square

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



AAA0B3



B89E97



9DA794



8BA9B0

# Rectangle

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



AAA0B3



B89DA4



9DA794



8DAAA3



# Sweetspot

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



AAA0B3



E5E1E8



A0A9B3



737175



F5F5F5



757575



# Same Dimension

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



AAA0B3



DACAE8



B3A0B3



555059



510099



0D001A



# Inverse Universe

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



B3A0A9



E8CAD8



A0B3A0



595055



990048

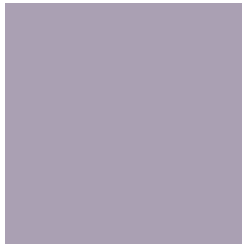


1A000C



# Previews

## White Background



This preview shows how the Hex color AAA0B3 looks on a white background.

## Color Contrast Check

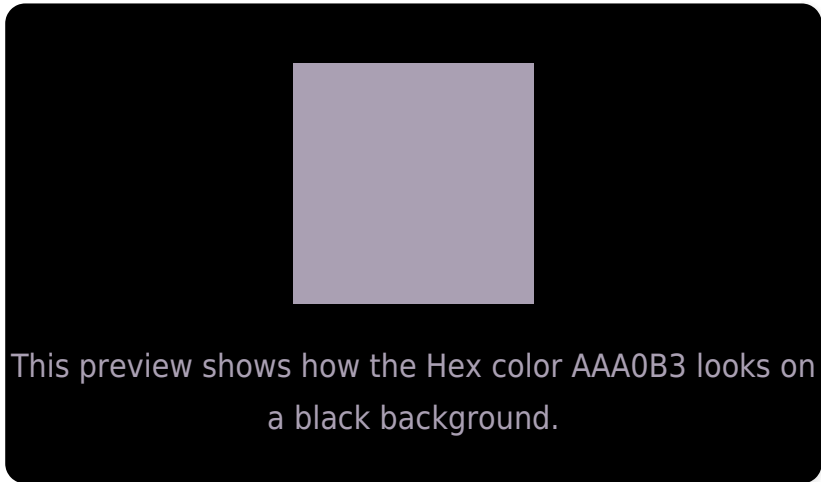
Large Text (above 18pt) WCAG AA × Fail

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

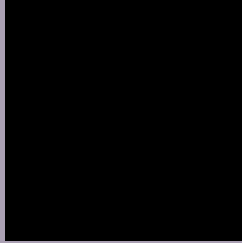
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AAA0B3 Background



This preview shows how black text looks on a background with the Hex color AAA0B3.



This preview shows how white text looks on a background with the Hex color AAA0B3.

# 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**  
AAA0B3

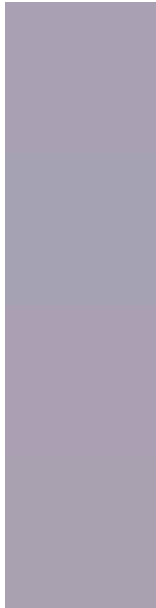
**Protanopia**  
A2A3B5

**Deuteranopia**  
AC9FB3



**Tritanopia**  
A9A1AE

# Trichromacy



**Original Color**  
AAA0B3

**Protanomaly**  
A5A2B4

**Deuteranomaly**  
AB9FB3

**Tritanomaly**  
A9A1B0

# Monochromacy



**Original Color**  
AAA0B3

**Achromatopsia**  
A5A5A5

**Achromatomaly**  
A7A3AA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAA0B3 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 #AAA0B3 looks like.

```
.text, #text, p{  
    color:#AAA0B3  
}
```

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 #AAA0B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAA0B3
}
```

## Border

The CSS property to change the border of an element to Hex AAA0B3 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
#AAA0B3 }
```

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

```
.border{ border-color:#AAA0B3 }
```

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

Here you see how a box with a 4 pixel #AAA0B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAA0B3; -webkit-box-shadow:4px 4px  
4px 4px #AAA0B3; box-shadow:4px 4px 4px  
4px #AAA0B3 }
```

# Background

The CSS property to change the background color of an element to Hex AAA0B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAA0B3 }
```

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

```
.background{ background-color:#AAA0B3 }
```

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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