

# Converting Colors

Hex(AAA0C4)

Have a look what the booklet for  
Hex(AAA0C4) contains.

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# Color

Hex(AAA0C4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AAA0C4
RGB	170, 160, 196
RGB Percent	67%, 63%, 77%
CMY	0.3333, 0.3725, 0.2314
CMYK	0.13, 0.18, 0.00, 0.23
HSL	257°, 23%, 70%
HSV	257°, 18%, 77%
XYZ	39.1122, 37.6732, 57.4348
YIQ	167.0940, -5.5960, 13.3160

# Conversions

## Conversions Part 2

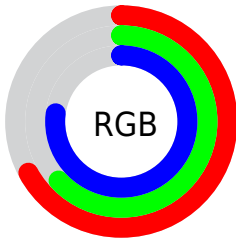
Format	Color
<a href="#">RYB</a>	<a href="#">170, 160, 196</a>
Decimal	<a href="#">11182276</a>
CIELab	<a href="#">67.78, 10.78, -17.15</a>
CIElCh	<a href="#">68, 20.260, 302.162</a>
Yxy	<a href="#">37.6732, 0.2914, 0.2807</a>
Android (android.graphics.Color)	<a href="#">4289372356</a> ( <a href="#">0xFFAAA0C4</a> )
YUV	<a href="#">167.0940, 14.2507, 2.5486</a>
Hunter-Lab	<a href="#">61.3785, 6.3331, -12.5155</a>

# Details

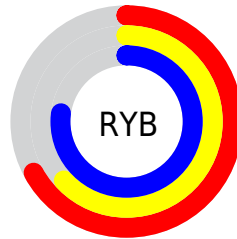
The Hex color **AAA0C4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BAC4A0**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **E1D7FD**, and **766D8E** is the 20% darker color. If you saturate the color by 10%, you get **9C8CC4**, and if you desaturate by 10%, it is **B8B4C4**.

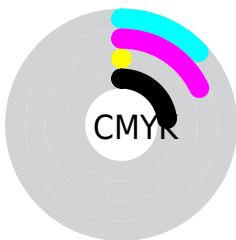
# Distribution



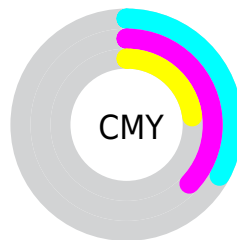
- Red (67%)
- Green (63%)
- Blue (77%)



- Red (67%)
- Yellow (63%)
- Blue (77%)



- Cyan (13%)
- Magenta (18%)
- Yellow (0%)
- Black (23%)



- Cyan (33%)
- Magenta (37%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAA0C4 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 AAA0C4 by changing the saturation by 10% instead.



■ AAA0C4

■ AAA0C4

FFFFFF

■ 8F86A9

■ E1D7FD

■ 766D8E

■ FEF3FF

■ 5D5475

■ 453D5C

■ 2E2744

■ 18132E

■ 000019

■ 000000

■ AAA0C4

■ AAA0C4

 9C8CC4


 B8B4C4

 8E79C4

 C6C7C4

 8065C4

 D4DBC4

 7152C4

 E3EEC4

 633EC4

 F1FFC4

 552AC4

 FFFFC4

 4717C4

 3903C4

 3600C4

# Harmonies

## Analogous

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



92A6C9



AAA0C4



BE9BB7

# Triad

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



AAA0C4



C29E85



78B0A6

# Complementary

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



AAA0C4



BAC4A0

# 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.



89AE94



AAA0C4



B2A481

# Square

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



AAA0C4



CA9A93



9EAA86



72AFB8

# Rectangle

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



AAA0C4



C799AB



9EAA86



7DAFA0



# Sweetspot

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



AAA0C4



F4F0FF



A0BAC4



797780



000000



808080



# Same Dimension

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



AAA0C4



D6C7FF



BCA0C4



5A5761



2D00A1



090021



# Inverse Universe

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



C4A0BA



FFC7EF



A8C4A0



61575E



A10074



210018



# Previews

## White Background



This preview shows how the Hex color AAA0C4 looks on a white background.

## Color Contrast Check

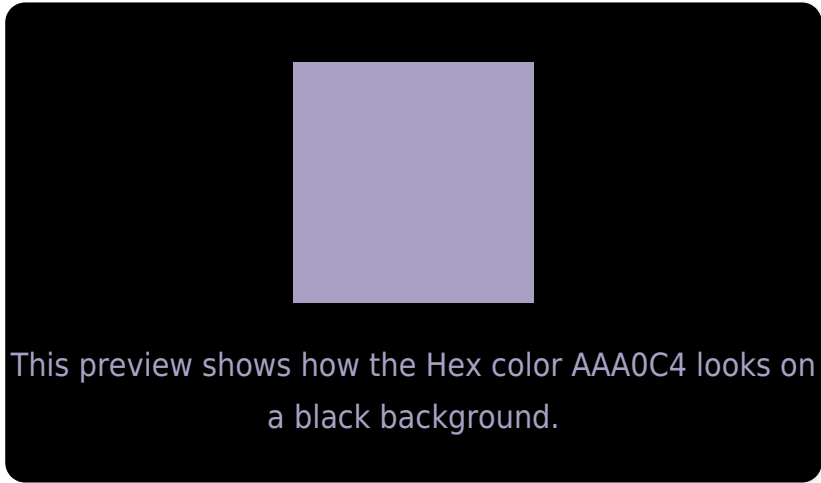
Large Text (above 18pt) WCAG AA × Fail

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

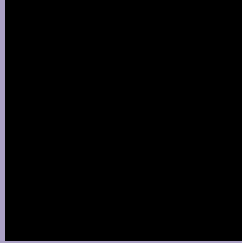
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AAA0C4 Background



This preview shows how black text looks on a background with the Hex color AAA0C4.



This preview shows how white text looks on a background with the Hex color AAA0C4.

# 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**  
AAA0C4

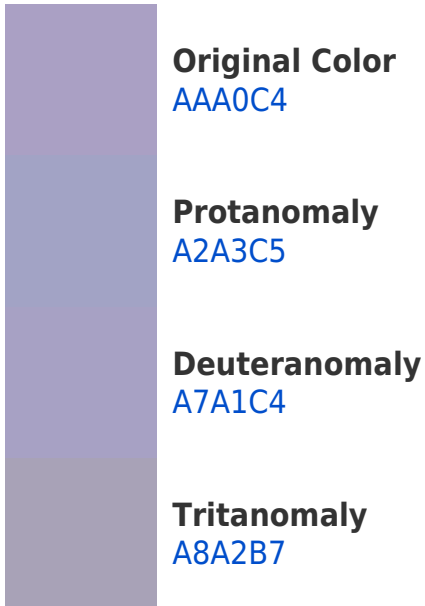
**Protanopia**  
9EA4C6

**Deuteranopia**  
A6A1C4

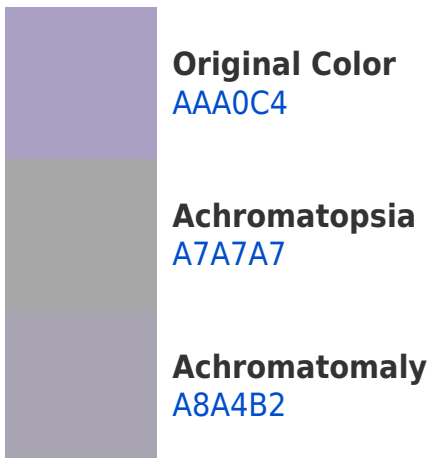


**Tritanopia**  
A7A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAA0C4 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 #AAA0C4 looks like.

```
.text, #text, p{  
    color:#AAA0C4  
}
```

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 #AAA0C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAA0C4
}
```

## Border

The CSS property to change the border of an element to Hex AAA0C4 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
#AAA0C4 }
```

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

```
.border{ border-color:#AAA0C4 }
```

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

Here you see how a box with a 4 pixel #AAA0C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAA0C4; -webkit-box-shadow:4px 4px  
4px 4px #AAA0C4; box-shadow:4px 4px 4px  
4px #AAA0C4 }
```

# Background

The CSS property to change the background color of an element to Hex AAA0C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAA0C4 }
```

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

```
.background{ background-color:#AAA0C4 }
```

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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