

# Converting Colors

Hex(A3AAC8)

Have a look what the booklet for  
Hex(A3AAC8) contains.

<b>Hex(A3AAC8)</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(A3AAC8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A3AAC8
RGB	163, 170, 200
RGB Percent	64%, 67%, 78%
CMY	0.3608, 0.3333, 0.2157
CMYK	0.19, 0.15, 0.00, 0.22
HSL	229°, 25%, 71%
HSV	229°, 19%, 78%
XYZ	39.9043, 40.7061, 60.3975
YIQ	171.3270, -13.8020, 7.8460

# Conversions

## Conversions Part 2

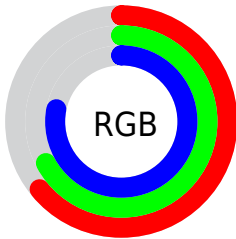
Format	Color
<a href="#">RYB</a>	<a href="#">163, 169, 200</a>
Decimal	<a href="#">10726088</a>
CIELab	<a href="#">69.97, 3.84, -16.11</a>
CIELCh	<a href="#">70, 16.557, 283.400</a>
Yxy	<a href="#">40.7061, 0.2830, 0.2887</a>
Android (android.graphics.Color)	<a href="#">4288916168 (0xFFA3AAC8)</a>
YUV	<a href="#">171.3270, 14.1358, -7.3028</a>
Hunter-Lab	<a href="#">63.8013, -0.0102, -11.4659</a>

# Details

The Hex color **A3AAC8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C8C1A3**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **DAE1FF**, and **6F7692** is the 20% darker color. If you saturate the color by 10%, you get **8F9AC8**, and if you desaturate by 10%, it is **B7BAC8**.

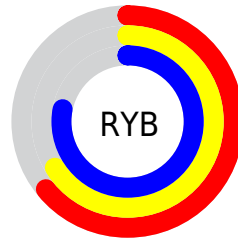
# Distribution



Red (64%)

Green (67%)

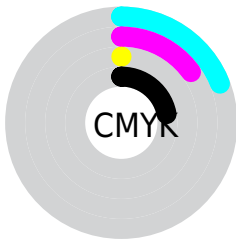
Blue (78%)



Red (64%)

Yellow (66%)

Blue (78%)

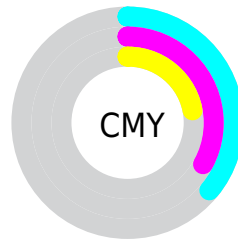


Cyan (19%)

Magenta (15%)

Yellow (0%)

Black (22%)



Cyan (36%)

Magenta (33%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3AAC8 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 A3AAC8 by changing the saturation by 10% instead.



 A3AAC8

 A3AAC8

FFFFFF

 8990AD

 DAE1FF


 6F7692

 F7FEFF

 565D78

 3E465F

 273048

 111B31

 00001D

 000000

 A3AAC8

 A3AAC8

 8F9AC8

 B7BAC8

 7B8AC8

 CBCAC8

 6779C8

 DFDBC8

 5369C8

 F3EBC8

 3F59C8

 FFFBC8

 2B49C8

 FFFFC8

 1738C8

 0328C8

 0026C8

# Harmonies

## Analogous

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



90AFC7



A3AAC8



B6A5C1

# Triad

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



A3AAC8



C8A397



8FB3A2

# Complementary

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



A3AAC8



C8C1A3

# 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.



9FB095



A3AAC8



BFA78F

# Square

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



A3AAC8



CBA1A5



B0AC8E



85B4B1

# Rectangle

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



A3AAC8



C0A2B9



B0AC8E



94B29D



# Sweetspot

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



A3AAC8



F0F3FF



A3C8C1



777880



000000



808080



# Same Dimension

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



A3AAC8



C7D2FF



AEA3C8



5A5B63



001FA3



000724



# Inverse Universe

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



C8A3AA



FFC7D2



BDC8A3



635A5B



A3001F

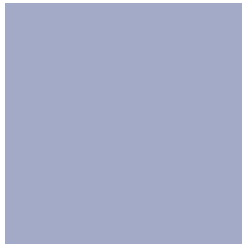


240007



# Previews

## White Background



This preview shows how the Hex color A3AAC8 looks on a white background.

## Color Contrast Check

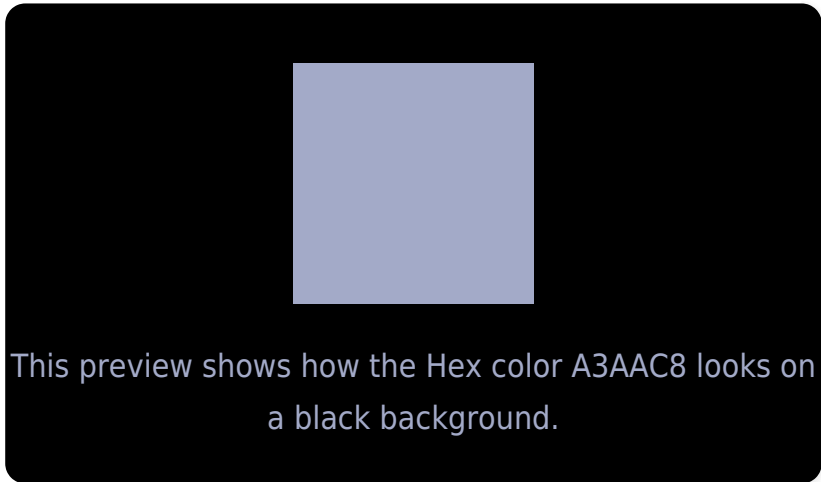
Large Text (above 18pt) WCAG AA × Fail

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

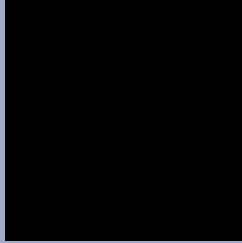
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A3AAC8 Background



This preview shows how black text looks on a background with the Hex color A3AAC8.



This preview shows how white text looks on a background with the Hex color A3AAC8.

# 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



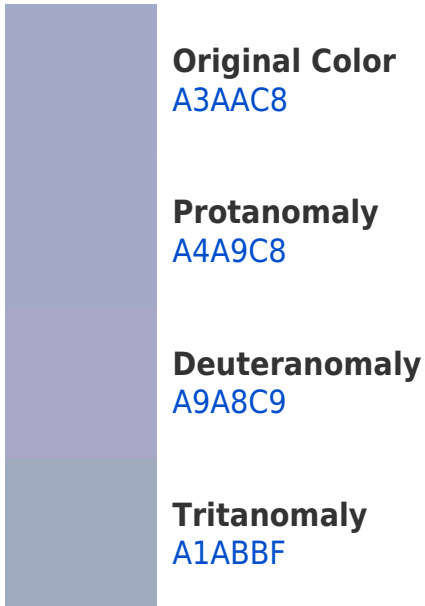
**Original Color**  
A3AAC8

**Protanopia**  
A5A9C8

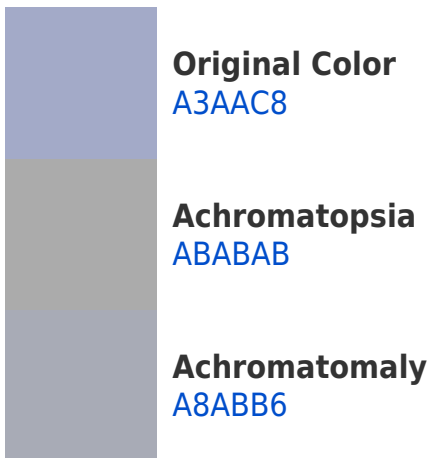
**Deuteranopia**  
ADA7C9



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3AAC8 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 #A3AAC8 looks like.

```
.text, #text, p{  
    color:#A3AAC8  
}
```

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 #A3AAC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3AAC8  
}
```

## Border

The CSS property to change the border of an element to Hex A3AAC8 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  
#A3AAC8 }
```

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

```
.border{ border-color:#A3AAC8 }
```

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

Here you see how a box with a 4 pixel #A3AAC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3AAC8; -webkit-box-shadow:4px 4px  
4px 4px #A3AAC8; box-shadow:4px 4px 4px  
4px #A3AAC8 }
```

# Background

The CSS property to change the background color of an element to Hex A3AAC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3AAC8 }
```

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

```
.background{ background-color:#A3AAC8 }
```

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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