

# Converting Colors

Hex(A3AAC4)

Have a look what the booklet for  
Hex(A3AAC4) contains.

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# Color

**Hex(A3AAC4)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | A3AAC4                     |
| RGB         | 163, 170, 196              |
| RGB Percent | 64%, 67%, 77%              |
| CMY         | 0.3608, 0.3333, 0.2314     |
| CMYK        | 0.17, 0.13, 0.00, 0.23     |
| HSL         | 227°, 22%, 70%             |
| HSV         | 227°, 17%, 77%             |
| XYZ         | 39.4428, 40.5215, 57.9671  |
| YIQ         | 170.8710, -12.5180, 6.6020 |

# Conversions

## Conversions Part 2

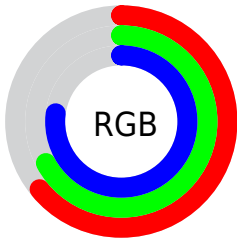
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>YB</sub>                     | 163, 169, 196                 |
| Decimal                             | 10726084                      |
| CIE Lab                             | 69.84, 2.95, -14.10           |
| CIE LCh                             | 70, 14.402, 281.816           |
| Yxy                                 | 40.5215, 0.2860,<br>0.2938    |
| Android<br>(android.graphics.Color) | 4288916164<br>(0xFFA3AAC4)    |
| YUV                                 | 170.8710, 12.3886,<br>-6.9029 |
| Hunter-Lab                          | 63.6565, -0.7969,<br>-9.4313  |

# Details

The Hex color **A3AAC4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C4BDA3**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **DAE1FD**, and **6F768E** is the 20% darker color. If you saturate the color by 10%, you get **8F9BC4**, and if you desaturate by 10%, it is **B7B9C4**.

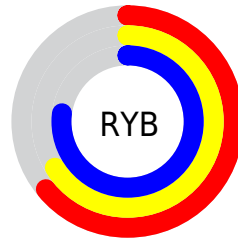
# Distribution



Red (64%)

Green (67%)

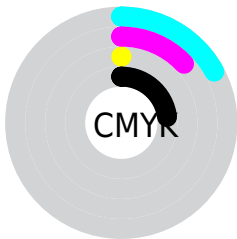
Blue (77%)



Red (64%)

Yellow (66%)

Blue (77%)

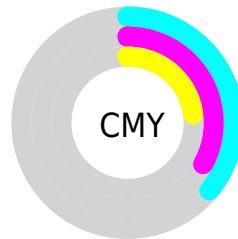


Cyan (17%)

Magenta (13%)

Yellow (0%)

Black (23%)



Cyan (36%)

Magenta (33%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3AAC4 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 A3AAC4 by changing the saturation by 10% instead.





A3AAC4



A3AAC4

FFFFFF



8990A9



DAE1FD



6F768E



F7FEFF



565D75



3F465C



283044



121B2E



00001A



000000



A3AAC4



A3AAC4

 8F9BC4

 B7B9C4

 7C8BC4

 CAC9C4

 687CC4

 DED8C4

 556CC4

 F1E8C4

 415DC4

 FFF7C4

 2D4DC4

 FFFFC4

 1A3EC4

 062EC4

 002AC4

# Harmonies

## Analogous

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



93AEC3



A3AAC4



B3A6BE

# Triad

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



A3AAC4



C5A39A



93B2A2

# Complementary

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



A3AAC4



C4BDA3

# 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.



A1AF97



A3AAC4



BDA792

# Square

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



A3AAC4



C6A2A6



B0AB91



8AB2AF

# Rectangle

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



A3AAC4



BDA3B7



B0AB91



97B19E



# Sweetspot

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



A3AAC4



F2F5FF



A3C4BD



787980



000000



808080



# Same Dimension

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



A3AAC4



CCD7FF



ACA3C4



575961



0022A1



000721



# Inverse Universe

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



C4A3AA



FFCCD7



BBC4A3



615759



A10022

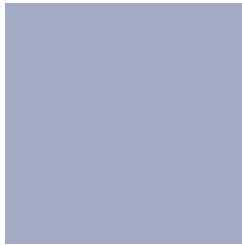


210007



# Previews

## White Background



This preview shows how the Hex color A3AAC4 looks on a white background.

## Color Contrast Check

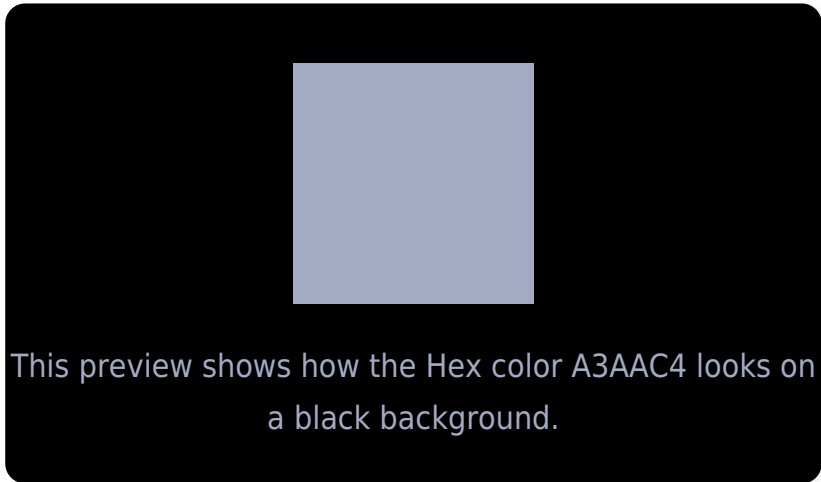
Large Text (above 18pt) WCAG AA × Fail

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

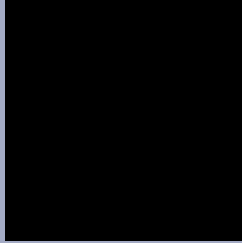
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A3AAC4 Background



This preview shows how black text looks on a background with the Hex color A3AAC4.



This preview shows how white text looks on a background with the Hex color A3AAC4.

# 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**

A3AAC4

**Protanopia**

A6A9C3

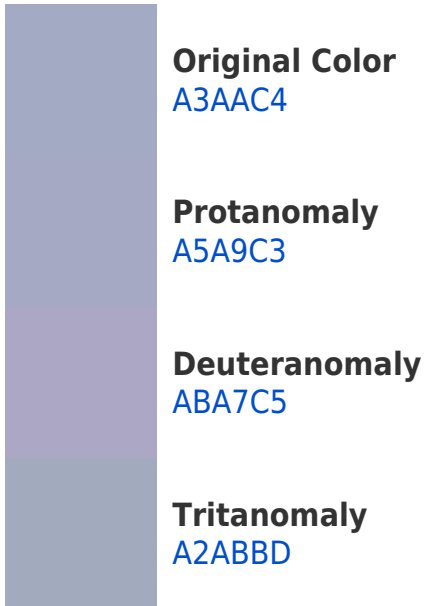
**Deuteranopia**

AFA6C5

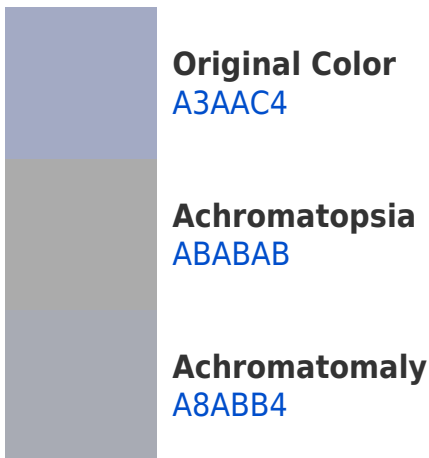


**Tritanopia**  
A1ACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3AAC4 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 #A3AAC4 looks like.

```
.text, #text, p{  
    color:#A3AAC4  
}
```

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 #A3AAC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3AAC4
}
```

## Border

The CSS property to change the border of an element to Hex A3AAC4 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
#A3AAC4 }
```

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

```
.border{ border-color:#A3AAC4 }
```

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

Here you see how a box with a 4 pixel #A3AAC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3AAC4; -webkit-box-shadow:4px 4px  
4px 4px #A3AAC4; box-shadow:4px 4px 4px  
4px #A3AAC4 }
```

# Background

The CSS property to change the background color of an element to Hex A3AAC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3AAC4 }
```

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

```
.background{ background-color:#A3AAC4 }
```

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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