

# Converting Colors

Hex(A4AAC7)

Have a look what the booklet for  
Hex(A4AAC7) contains.

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# **Color**

**Hex(A4AAC7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4AAC7
RGB	164, 170, 199
RGB Percent	64%, 67%, 78%
CMY	0.3569, 0.3333, 0.2196
CMYK	0.18, 0.15, 0.00, 0.22
HSL	230°, 24%, 71%
HSV	230°, 18%, 78%
XYZ	39.9934, 40.7655, 59.7935
YIQ	171.5120, -12.8850, 7.7470

# Conversions

## Conversions Part 2

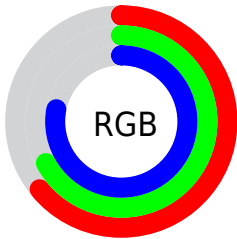
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 169, 199
Decimal	10791623
CIELab	70.01, 3.94, -15.48
CIELCh	70, 15.977, 284.259
Yxy	40.7655, 0.2845, 0.2900
Android (android.graphics.Color)	4288981703 (0xFFA4AAC7)
YUV	171.5120, 13.5516, -6.5880
Hunter-Lab	63.8479, 0.0761, -10.8316

# Details

The Hex color **A4AAC7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C7C1A4**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **DBE1FF**, and **707691** is the 20% darker color. If you saturate the color by 10%, you get **909AC7**, and if you desaturate by 10%, it is **B8BAC7**.

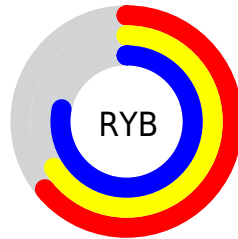
# Distribution



Red (64%)

Green (67%)

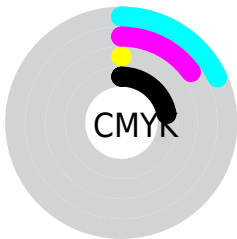
Blue (78%)



Red (64%)

Yellow (66%)

Blue (78%)

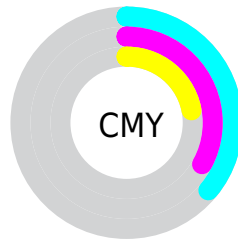


Cyan (18%)

Magenta (15%)

Yellow (0%)

Black (22%)



Cyan (36%)

Magenta (33%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4AAC7 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 A4AAC7 by changing the saturation by 10% instead.





A4AAC7



A4AAC7

FFFFFF



8A90AC



DBE1FF



707691



F8FEFF



575D77



3F465F



283047



131B30



00001C



000000



A4AAC7



A4AAC7

■ 909AC7

■ B8BAC7

■ 7C89C7

■ CCCBC7

■ 6879C7

■ E0DBC7

■ 5468C7

■ F4ECC7

■ 4158C7

■ FFFCC7

■ 2D47C7

■ FFFFC7

■ 1937C7

■ 0526C7

■ 0022C7

# Harmonies

## Analogous

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



92AFC7



A4AAC7



B6A5C0

# Triad

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



A4AAC7



C7A397



8FB3A3

# Complementary

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



A4AAC7



C7C1A4

# 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.



9FB096



A4AAC7



BEA890

# Square

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



A4AAC7



CAA1A5



AFAC8F



86B4B2

# Rectangle

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



A4AAC7



C0A3B8



AFAC8F



94B29E



# Sweetspot

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



A4AAC7



F2F4FF



A4C7C1



787980



000000



808080



# Same Dimension

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



A4AAC7



C9D3FF



AFA4C7



5A5B63



001CA3



000624



# Inverse Universe

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



C7A4AA



FFC9D3



BCC7A4



635A5B



A3001C

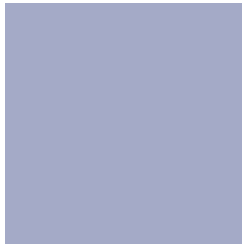


240006



# Previews

## White Background



This preview shows how the Hex color A4AAC7 looks on a white background.

## Color Contrast Check

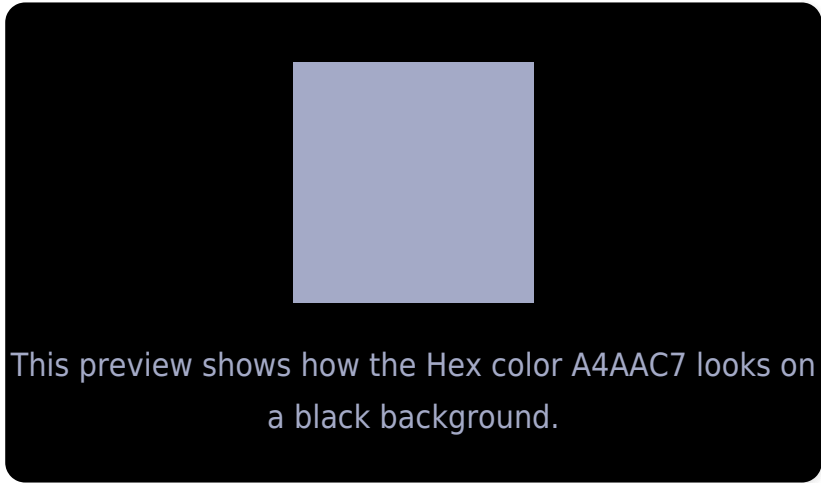
Large Text (above 18pt) WCAG AA × Fail

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

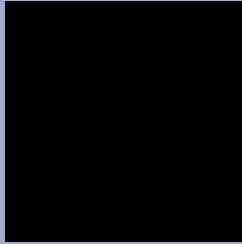
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A4AAC7 Background



This preview shows how black text looks on a background with the Hex color A4AAC7.



This preview shows how white text looks on a background with the Hex color A4AAC7.

# 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**

A4AAC7

**Protanopia**

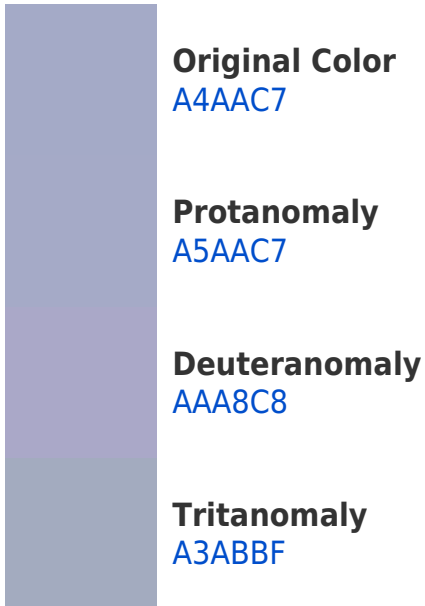
A6AAC7

**Deuteranopia**

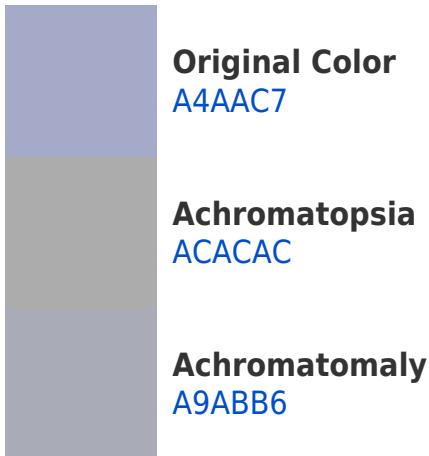
AEA7C8



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4AAC7 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 #A4AAC7 looks like.

```
.text, #text, p{  
    color:#A4AAC7  
}
```

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 #A4AAC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4AAC7
}
```

## Border

The CSS property to change the border of an element to Hex A4AAC7 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
#A4AAC7 }
```

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

```
.border{ border-color:#A4AAC7 }
```

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

Here you see how a box with a 4 pixel #A4AAC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4AAC7; -webkit-box-shadow:4px 4px  
4px 4px #A4AAC7; box-shadow:4px 4px 4px  
4px #A4AAC7 }
```

# Background

The CSS property to change the background color of an element to Hex A4AAC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4AAC7 }
```

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

```
.background{ background-color:#A4AAC7 }
```

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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