

# Converting Colors

Hex(A6AAAD)

Have a look what the booklet for  
Hex(A6AAAD) contains.

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# **Color**

**Hex(A6AAAD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6AAAD
RGB	166, 170, 173
RGB Percent	65%, 67%, 68%
CMY	0.3490, 0.3333, 0.3216
CMYK	0.04, 0.02, 0.00, 0.32
HSL	206°, 4%, 66%
HSV	206°, 4%, 68%
XYZ	37.6434, 39.8736, 45.2475
YIQ	169.1460, -3.3470, 0.0850

# Conversions

## Conversions Part 2

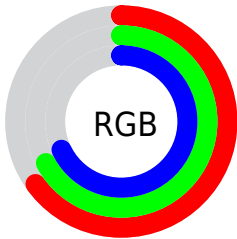
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 169, 173
Decimal	10922669
CIELab	69.38, -0.83, -2.04
CIElCh	69, 2.203, 247.931
Yxy	39.8736, 0.3066, 0.3248
Android (android.graphics.Color)	4289112749 (0xFFA6AAAD)
YUV	169.1460, 1.9000, -2.7590
Hunter-Lab	63.1455, -4.0941, 1.7171

# Details

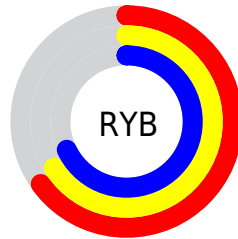
The Hex color **A6AAAD** is a light color, and the websafe version is hex **999999**. A complement of this color would be **ADA9A6**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **DDE1E4**, and **727679** is the 20% darker color. If you saturate the color by 10%, you get **95A3AD**, and if you desaturate by 10%, it is **B7B1AD**.

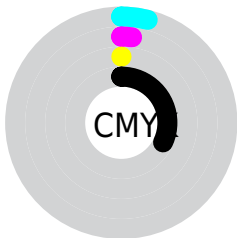
# Distribution



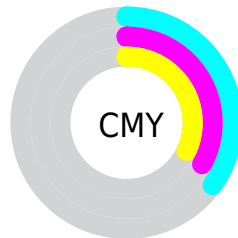
- Red (65%)
- Green (67%)
- Blue (68%)



- Red (65%)
- Yellow (66%)
- Blue (68%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (32%)



- Cyan (35%)
- Magenta (33%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6AAAD 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 A6AAAD by changing the saturation by 10% instead.





A6AAAD



A6AAAD

FFFFFF



8C9092



DDE1E4



727679



FAFEFF



5A5D60



424648



2C2F32



181B1D



000002



000000



A6AAAD



A6AAAD

95A3AD

B7B1AD

839BAD

C9B9AD

7294AD

DAC0AD

618CAD

EBC8AD

5085AD

FCCFAD

3E7EAD

FFD6AD

2D76AD

FFDEAD

1C6FAD

FFE5AD

0A67AD

FFEDAD

# Harmonies

## Analogous

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



A5AAAC



A6AAD



A8A9AD

# Triad

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



A6AAAD



AEA8A9



A8AAA6

# Complementary

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



A6AAAD



ADA9A6

# 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.



ABA9A5



A6AAAD



AEA8A7

# Square

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



A6AAAD



ADA8AB



ADA9A6



A6AAA8

# Rectangle

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



A6AAD



AAA9AD



ADA9A6



A9AAA6



# Sweetspot

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



A6AAAD



DEDFE0



A6ADA9



6F7070



F0F0F0



707070

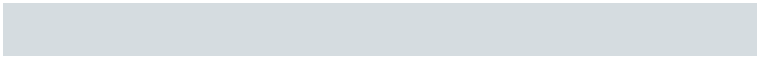


# Same Dimension

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



A6AAAD



D5DCE0



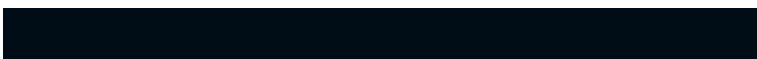
A6A7AD



515457



005696



000D17



# Inverse Universe

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



ADA6AA



E0D5DC



ADACA6



575154



960056

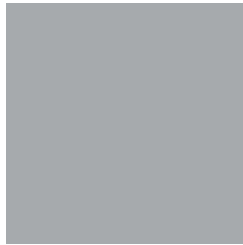


17000D



# Previews

## White Background



This preview shows how the Hex color A6AAAD looks on a white background.

## Color Contrast Check

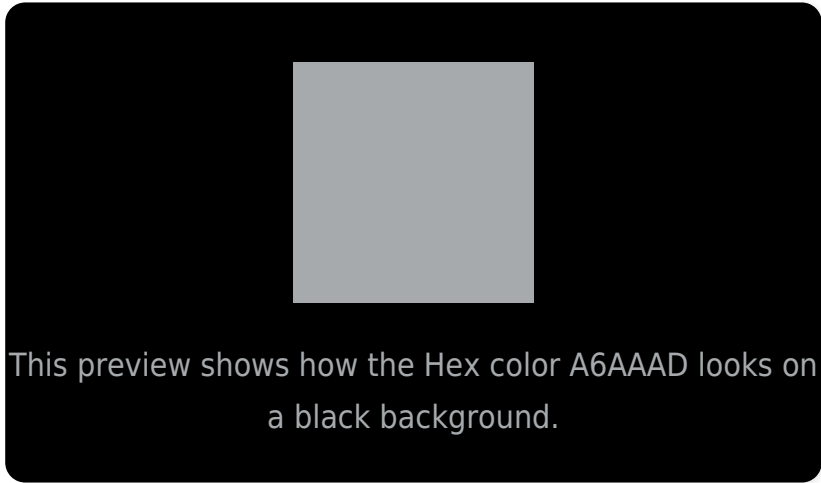
Large Text (above 18pt) WCAG AA × Fail

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

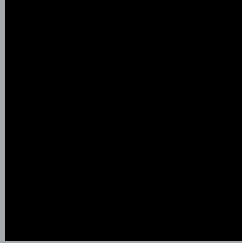
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

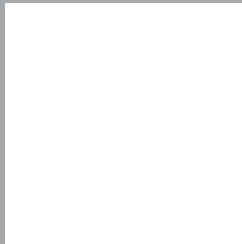
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A6AAAD Background



This preview shows how black text looks on a background with the Hex color A6AAAD.



This preview shows how white text looks on a background with the Hex color A6AAAD.

# 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**  
A6AAAD

**Protanopia**  
ABA8AC

**Deuteranopia**  
B7A4AE



**Tritanopia**  
A7A9B6

# Trichromacy



**Original Color**

A6AAAD

**Protanomaly**

A9A9AC

**Deuteranomaly**

B1A6AE

**Tritanomaly**

A7A9B3

# Monochromacy



**Original Color**

A6AAAD

**Achromatopsia**

A9A9A9

**Achromatomaly**

A8A9AA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6AAAD 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 #A6AAAD looks like.

```
.text, #text, p{  
    color:#A6AAAD  
}
```

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 #A6AAAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6AAAD
}
```

## Border

The CSS property to change the border of an element to Hex A6AAAD 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
#A6AAAD }
```

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

```
.border{ border-color:#A6AAAD }
```

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

Here you see how a box with a 4 pixel #A6AAAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6AAAD; -webkit-box-shadow:4px 4px  
4px 4px #A6AAAD; box-shadow:4px 4px 4px  
4px #A6AAAD }
```

# Background

The CSS property to change the background color of an element to Hex A6AAAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6AAAD }
```

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

```
.background{ background-color:#A6AAAD }
```

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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