

# Converting Colors

Hex(A4AEB6)

Have a look what the booklet for  
Hex(A4AEB6) contains.

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# **Color**

**Hex(A4AEB6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4AEB6
RGB	164, 174, 182
RGB Percent	64%, 68%, 71%
CMY	0.3569, 0.3176, 0.2863
CMYK	0.10, 0.04, 0.00, 0.29
HSL	207°, 11%, 68%
HSV	207°, 10%, 71%
XYZ	38.8894, 41.5420, 50.2247
YIQ	171.9220, -8.5280, 0.3680

# Conversions

## Conversions Part 2

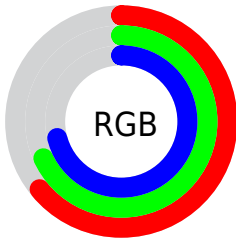
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 170, 182
Decimal	10792630
CIELab	70.55, -1.88, -5.30
CIELCh	71, 5.625, 250.435
Yxy	41.5420, 0.2976, 0.3179
Android (android.graphics.Color)	4288982710 (0xFFA4AEB6)
YUV	171.9220, 4.9685, -6.9476
Hunter-Lab	64.4531, -5.0905, -1.0842

# Details

The Hex color **A4AEB6** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B6ACA4**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **DBE5EE**, and **707A81** is the 20% darker color. If you saturate the color by 10%, you get **92A6B6**, and if you desaturate by 10%, it is **B6B6B6**.

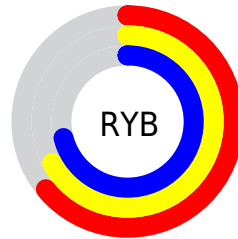
# Distribution



Red (64%)

Green (68%)

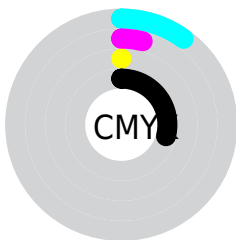
Blue (71%)



Red (64%)

Yellow (67%)

Blue (71%)

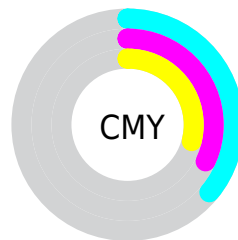


Cyan (10%)

Magenta (4%)

Yellow (0%)

Black (29%)



Cyan (36%)

Magenta (32%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4AEB6 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 A4AEB6 by changing the saturation by 10% instead.





A4AEB6



A4AEB6

FFFFFF



8A939B



DBE5EE



707A81



F8FFFF



586168



404950



2A3339



151E24



00040E



000000



A4AEB6



A4AEB6

92A6B6

B6B6B6

809EB6

C8BEB6

6D96B6

DBC6B6

5B8EB6

EDCEB6

4986B6

FFD6B6

377DB6

FFDFB6

2575B6

FFE7B6

126DB6

FFEFB6

0065B6

FFF7B6

# Harmonies

## Analogous

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



A1AFB3



A4AEB6



AAACB7

# Triad

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



A4AEB6



B8A9AB



A9AEA5

# Complementary

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



A4AEB6



B6ACA4

# 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.



AFADA3



A4AEB6



B7AAA6

# Square

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



A4AEB6



B5AAB0



B4ABA3



A4AFA9

# Rectangle

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



A4AEB6



AEABB5



B4ABA3



ABAEA4

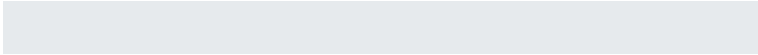


# Sweetspot

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



A4AEB6



E6EAED



A4B6AC



737678



F7F7F7



787878



# Same Dimension

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



A4AEB6



D1E1ED



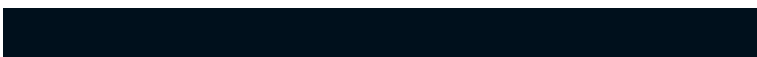
A4A5B6



53585C



00569C



00101C



# Inverse Universe

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



B6A4AE



EDD1E1



B6B5A4



5C5358



9C0056

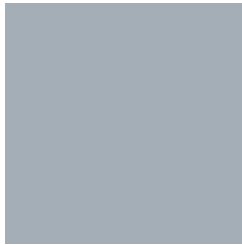


1C0010



# Previews

## White Background



This preview shows how the Hex color A4AEB6 looks on a white background.

## Color Contrast Check

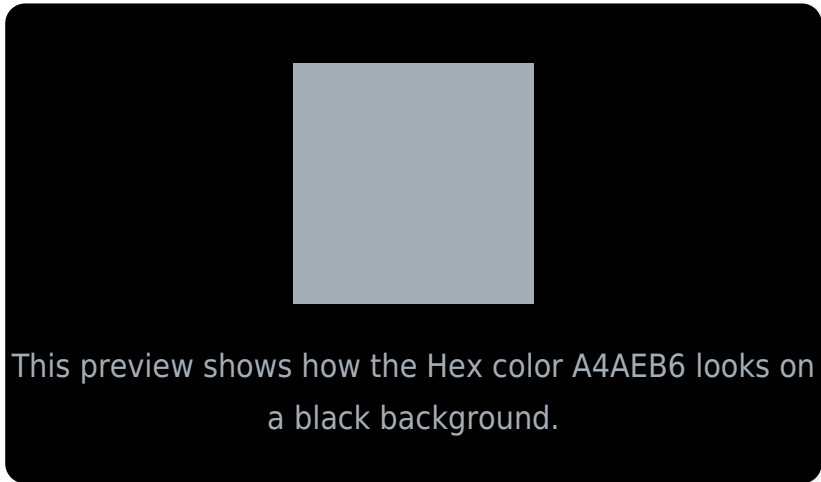
Large Text (above 18pt) WCAG AA × Fail

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

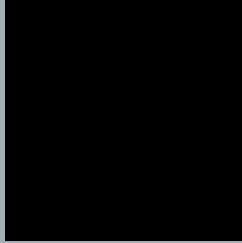
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

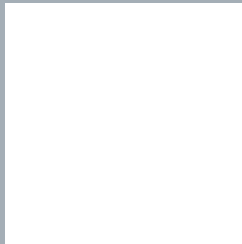
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A4AEB6 Background



This preview shows how black text looks on a background with the Hex color A4AEB6.

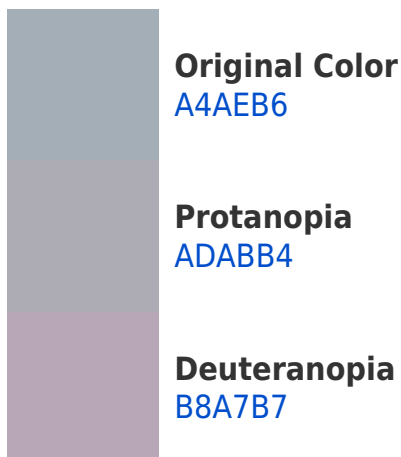


This preview shows how white text looks on a background with the Hex color A4AEB6.

# 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





**Tritanopia**  
A5ADBB

# Trichromacy



**Original Color**  
A4AEB6

**Protanomaly**  
AAACB5

**Deuteranomaly**  
B1AAB7

**Tritanomaly**  
A5ADB9

# Monochromacy



**Original Color**  
A4AEB6

**Achromatopsia**  
ACACAC

**Achromatomaly**  
A9ADB0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4AEB6 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 #A4AEB6 looks like.

```
.text, #text, p{  
    color:#A4AEB6  
}
```

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 #A4AEB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4AEB6  
}
```

## Border

The CSS property to change the border of an element to Hex A4AEB6 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  
#A4AEB6 }
```

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

```
.border{ border-color:#A4AEB6 }
```

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

Here you see how a box with a 4 pixel #A4AEB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4AEB6; -webkit-box-shadow:4px 4px  
4px 4px #A4AEB6; box-shadow:4px 4px 4px  
4px #A4AEB6 }
```

# Background

The CSS property to change the background color of an element to Hex A4AEB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4AEB6 }
```

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

```
.background{ background-color:#A4AEB6 }
```

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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