

# Converting Colors

Hex(A296A0)

Have a look what the booklet for  
Hex(A296A0) contains.

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# **Color**

**Hex(A296A0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A296A0
RGB	162, 150, 160
RGB Percent	64%, 59%, 63%
CMY	0.3647, 0.4118, 0.3725
CMYK	0.00, 0.07, 0.01, 0.36
HSL	310°, 6%, 61%
HSV	310°, 7%, 64%
XYZ	32.1518, 32.0321, 37.7459
YIQ	154.7280, 3.9420, 5.6540

# Conversions

## Conversions Part 2

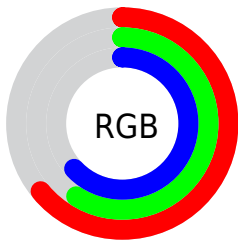
<b>Format</b>	<b>Color</b>
<b>RYB</b>	162, 150, 160
Decimal	10655392
CIELab	63.37, 6.27, -3.65
CIElCh	63, 7.261, 329.794
Yxy	32.0321, 0.3154, 0.3143
Android (android.graphics.Color)	4288845472 (0xFFA296A0)
YUV	154.7280, 2.5991, 6.3775
Hunter-Lab	56.5969, 2.3583, 0.0758

# Details

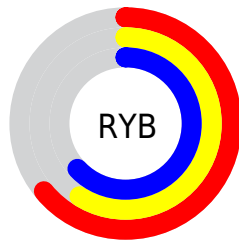
The Hex color **A296A0** is a light color, and the websafe version is hex **999999**. A complement of this color would be **96A298**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **D9CCD7**, and **6E636D** is the 20% darker color. If you saturate the color by 10%, you get **A2869D**, and if you desaturate by 10%, it is **A2A6A3**.

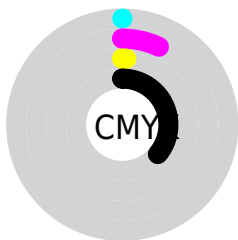
# Distribution



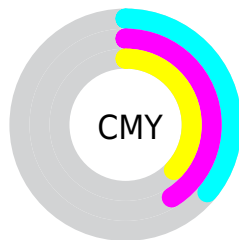
- Red (64%)
- Green (59%)
- Blue (63%)



- Red (64%)
- Yellow (59%)
- Blue (63%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (36%)



- Cyan (36%)
- Magenta (41%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A296A0 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 A296A0 by changing the saturation by 10% instead.





A296A0



A296A0

FFFFFF



887C86



D9CCD7



6E636D



F5E8F3



564B54



3F353D



291F27



150813



000000



A296A0



A296A0



A2869D



A2A6A3

 A2769B

 A2B6A5

 A26598

 A2C7A8

 A25595

 A2D7AB

 A24592

 A2E7AE

 A23590

 A2F7B0

 A2258D

 A2FFB3

 A2148A

 A2FFB6

 A20488

 A2FFB8

# Harmonies

## Analogous

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



9B98A5



A296A0



A7959A

# Triad

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



A296A0



9F998D



8A9DA0

# Complementary

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



A296A0



96A298

# 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.



8B9D99



A296A0



989B8E

# Square

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



A296A0



A5978E



909D93



8C9CA4

# Rectangle

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



A296A0



A89595



909D93



8A9D9D



# Sweetspot

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



A296A0



D4CFD3



9896A2



6B696B



EBEBEB



6B6B6B



# Same Dimension

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



A296A0



D4C1D0



A2969A



524950



910079



12000F



# Inverse Universe

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



A296A0



D4C1D0



96A29E



524950



910079

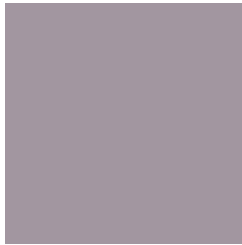


12000F



# Previews

## White Background



This preview shows how the Hex color A296A0 looks on a white background.

## Color Contrast Check

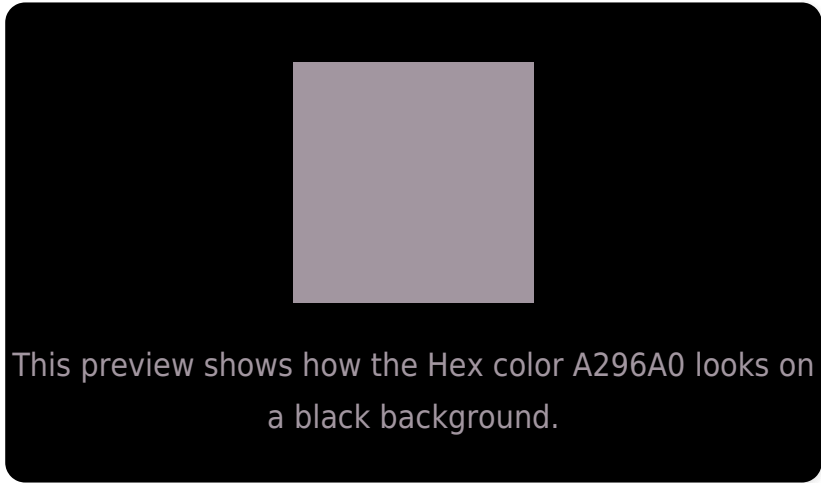
Large Text (above 18pt) WCAG AA × Fail

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

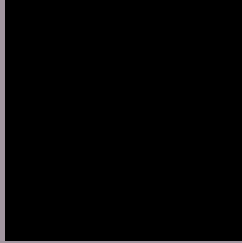
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A296A0 Background



This preview shows how black text looks on a background with the Hex color A296A0.



This preview shows how white text looks on a background with the Hex color A296A0.

# 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**  
A296A0

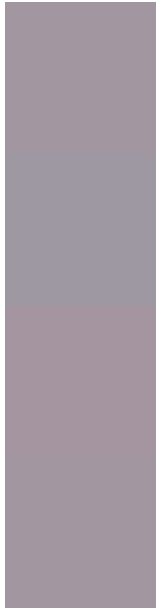
**Protanopia**  
9A99A2

**Deuteranopia**  
A595A0



**Tritanopia**  
A296A2

# Trichromacy



**Original Color**

A296A0

**Protanomaly**

9D98A1

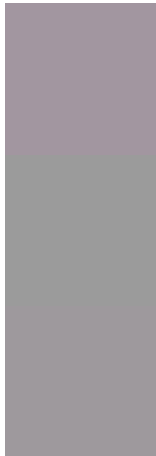
**Deuteranomaly**

A495A0

**Tritanomaly**

A296A1

# Monochromacy



**Original Color**

A296A0

**Achromatopsia**

9B9B9B

**Achromatomaly**

9E999D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A296A0 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 #A296A0 looks like.

```
.text, #text, p{  
    color:#A296A0  
}
```

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 #A296A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A296A0
}
```

## Border

The CSS property to change the border of an element to Hex A296A0 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
#A296A0 }
```

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

```
.border{ border-color:#A296A0 }
```

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

Here you see how a box with a 4 pixel #A296A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A296A0; -webkit-box-shadow:4px 4px  
4px 4px #A296A0; box-shadow:4px 4px 4px  
4px #A296A0 }
```

# Background

The CSS property to change the background color of an element to Hex A296A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A296A0 }
```

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

```
.background{ background-color:#A296A0 }
```

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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