

# Converting Colors

Hex(A5879B)

Have a look what the booklet for  
Hex(A5879B) contains.

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# **Color**

**Hex(A5879B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5879B
RGB	165, 135, 155
RGB Percent	65%, 53%, 61%
CMY	0.3529, 0.4706, 0.3922
CMYK	0.00, 0.18, 0.06, 0.35
HSL	320°, 14%, 59%
HSV	320°, 18%, 65%
XYZ	30.0974, 27.6938, 34.7695
YIQ	146.2500, 11.4600, 12.5800

# Conversions

## Conversions Part 2

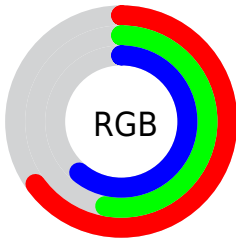
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 135, 155
Decimal	10848155
CIE <sub>Lab</sub>	59.61, 14.89, -6.34
CIE <sub>LCh</sub>	60, 16.183, 336.942
Yxy	27.6938, 0.3252, 0.2992
Android (android.graphics.Color)	4289038235 (0xFFA5879B)
YUV	146.2500, 4.3137, 16.4438
Hunter-Lab	52.6249, 9.9946, -2.3357

# Details

The Hex color **A5879B** is a light color, and the websafe version is hex **999999**. A complement of this color would be **87A591**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **DCBCD1**, and **715568** is the 20% darker color. If you saturate the color by 10%, you get **A57695**, and if you desaturate by 10%, it is **A598A0**.

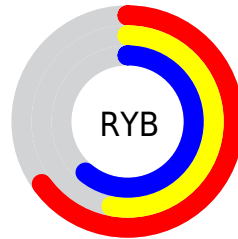
# Distribution



Red (65%)

Green (53%)

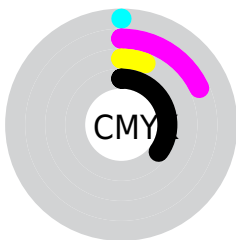
Blue (61%)



Red (65%)

Yellow (53%)

Blue (61%)

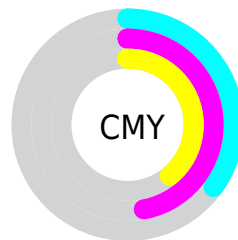


Cyan (0%)

Magenta (18%)

Yellow (6%)

Black (35%)



Cyan (35%)

Magenta (47%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5879B 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 A5879B by changing the saturation by 10% instead.





A5879B



A5879B

FFFFFF



8B6E81



DCBCD1



715568



F9D8EE



583E50



FFF5FF



412839



2A1323



17000E



000000



A5879B



A5879B



A57695



A598A0

 A56690

 A5A8A6

 A5558A

 A5B8AC

 A54585

 A5C9B1

 A5347F

 A5D9B7

 A5247A

 A5EABC

 A51374

 A5FAC2

 A5036F

 A5FFC7

 A5006E

 A5FFCD

# Harmonies

## Analogous

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



968BA6



A5879B



AD868D

# Triad

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



A5879B



979073



6A97A0

# Complementary

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



A5879B



87A591

# 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.



6C9892



A5879B



879479

# Square

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



A5879B



A48B76



789784



7394A9

# Rectangle

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



A5879B



AD8683



789784



69979C



# Sweetspot

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



A5879B



D6CBD3



9187A5



6B6569



EBEBEB



6B6B6B



# Same Dimension

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



A5879B



D6A7C6



A5878C



52494F



910061



12000C



# Inverse Universe

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



A5879B



D6A7C6



87A5A0



52494F



910061

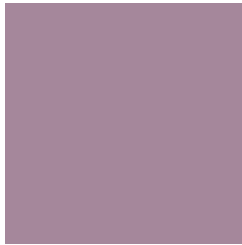


12000C



# Previews

## White Background



This preview shows how the Hex color A5879B looks on a white background.

## Color Contrast Check

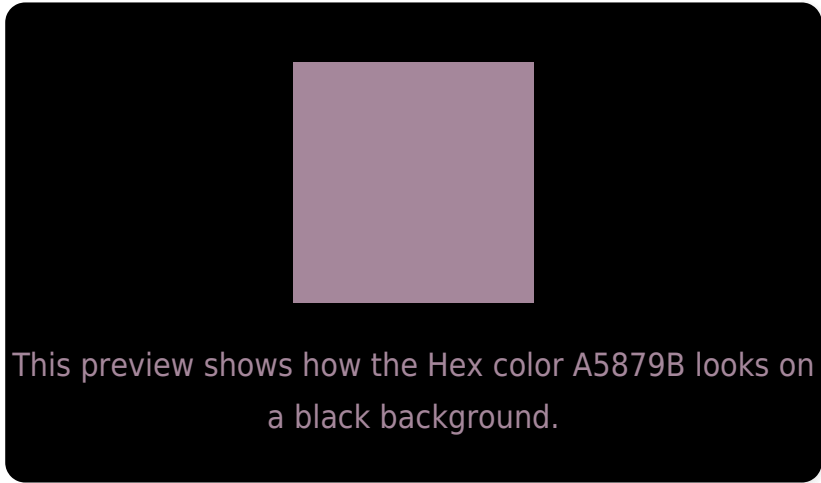
Large Text (above 18pt) WCAG AA ✓ Pass

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

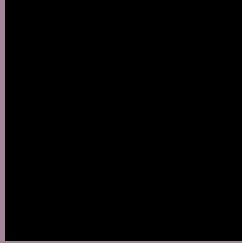
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A5879B Background



This preview shows how black text looks on a background with the Hex color A5879B.



This preview shows how white text looks on a background with the Hex color A5879B.

# 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**

A5879B

**Protanopia**

8E8FA0

**Deuteranopia**

998C9A



**Tritanopia**  
A48893

# Trichromacy



**Original Color**  
A5879B

**Protanomaly**  
968C9E

**Deuteranomaly**  
9D8A9A

**Tritanomaly**  
A48896

# Monochromacy



**Original Color**  
A5879B

**Achromatopsia**  
929292

**Achromatomaly**  
998E95

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5879B 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 #A5879B looks like.

```
.text, #text, p{  
    color:#A5879B  
}
```

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 #A5879B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5879B
}
```

## Border

The CSS property to change the border of an element to Hex A5879B is called "border". The border property can be set on classes, ids or directly on the HTML element.

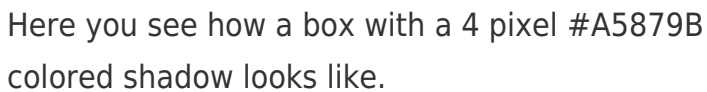
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A5879B }
```

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

```
.border{ border-color:#A5879B }
```

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



Here you see how a box with a 4 pixel #A5879B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5879B; -webkit-box-shadow:4px 4px  
4px 4px #A5879B; box-shadow:4px 4px 4px  
4px #A5879B }
```

# Background

The CSS property to change the background color of an element to Hex A5879B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5879B }
```

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

```
.background{ background-color:#A5879B }
```

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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