

# Converting Colors

Hex(A495B5)

Have a look what the booklet for  
Hex(A495B5) contains.

<b>Hex(A495B5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(A495B5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A495B5
RGB	164, 149, 181
RGB Percent	64%, 58%, 71%
CMY	0.3569, 0.4157, 0.2902
CMYK	0.09, 0.18, 0.00, 0.29
HSL	268°, 18%, 65%
HSV	268°, 18%, 71%
XYZ	34.3978, 32.7236, 48.2194
YIQ	157.1330, -1.3320, 13.1320

# Conversions

## Conversions Part 2

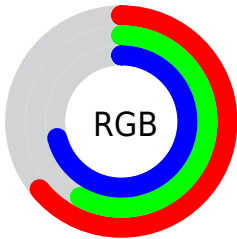
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">164, 149, 181</a>
Decimal	<a href="#">10786229</a>
CIELab	<a href="#">63.94, 11.76, -14.62</a>
CIELCh	<a href="#">64, 18.767, 308.806</a>
Yxy	<a href="#">32.7236, 0.2982, 0.2837</a>
Android (android.graphics.Color)	<a href="#">4288976309</a> ( <a href="#">0xFFA495B5</a> )
YUV	<a href="#">157.1330, 11.7664, 6.0224</a>
Hunter-Lab	<a href="#">57.2045, 7.2262, -9.9341</a>

# Details

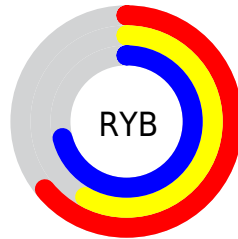
The Hex color **A495B5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **A6B595**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **DBCBED**, and **706280** is the 20% darker color. If you saturate the color by 10%, you get **9A83B5**, and if you desaturate by 10%, it is **AEA7B5**.

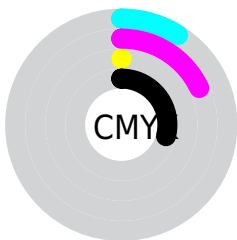
# Distribution



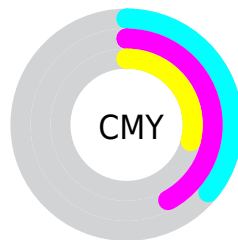
- Red (64%)
- Green (58%)
- Blue (71%)



- Red (64%)
- Yellow (58%)
- Blue (71%)



- Cyan (9%)
- Magenta (18%)
- Yellow (0%)
- Black (29%)



- Cyan (36%)
- Magenta (42%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A495B5 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 A495B5 by changing the saturation by 10% instead.





A495B5



A495B5

FFFFFF



8A7B9A



DBCBED



706280



F8E7FF



574A67



40344F



291E38



160723



00000A



000000



A495B5



A495B5

9A83B5

AEA7B5

9171B5

B7B9B5

875FB5

C1CBB5

7E4DB5

CADDB5

743BB5

D4F0B5

6A28B5

DEFFB5

6116B5

E7FFB5

5704B5

F1FFB5

5500B5

FBFFB5

# Harmonies

## Analogous

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



8E9BBC



A495B5



B591A7

# Triad

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



A495B5



B2967C



70A59F

# Complementary

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



A495B5



A6B595

# 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.



7DA48E



A495B5



A39B7A

# Square

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



A495B5



BC9187



90A081



6EA3AF

# Rectangle

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



A495B5



BB8F9C



90A081



73A49A



# Sweetspot

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



A495B5



E4DFEB



95A6B5



726E75



F5F5F5



757575



# Same Dimension

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



A495B5



D0B9EB



B495B5



555059



480099



0C001A



# Inverse Universe

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



B595A6



EBB9D4



96B595



595055



990051

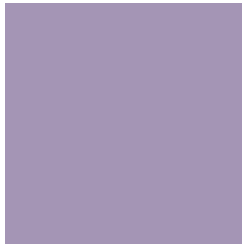


1A000E



# Previews

## White Background



This preview shows how the Hex color A495B5 looks on a white background.

## Color Contrast Check

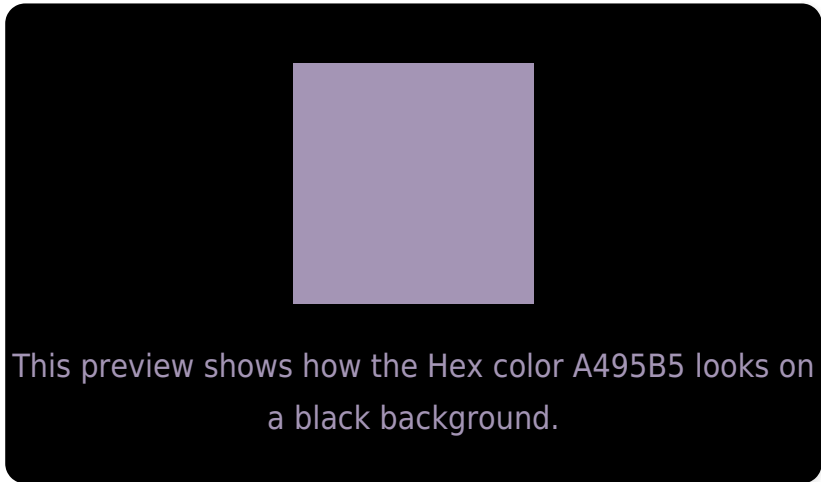
Large Text (above 18pt) WCAG AA × Fail

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

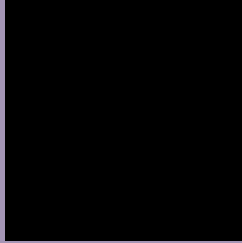
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A495B5 Background



This preview shows how black text looks on a background with the Hex color A495B5.



This preview shows how white text looks on a background with the Hex color A495B5.

# 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**  
A198A4

# Trichromacy



**Original Color**  
A495B5

**Protanomaly**  
9A98B7

**Deuteranomaly**  
A096B5

**Tritanomaly**  
A297AA

# Monochromacy



**Original Color**  
A495B5

**Achromatopsia**  
9D9D9D

**Achromatomaly**  
A09AA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A495B5 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 #A495B5 looks like.

```
.text, #text, p{  
    color:#A495B5  
}
```

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 #A495B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A495B5  
}
```

## Border

The CSS property to change the border of an element to Hex A495B5 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  
#A495B5 }
```

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

```
.border{ border-color:#A495B5 }
```

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

Here you see how a box with a 4 pixel #A495B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A495B5; -webkit-box-shadow:4px 4px  
4px 4px #A495B5; box-shadow:4px 4px 4px  
4px #A495B5 }
```

# Background

The CSS property to change the background color of an element to Hex A495B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A495B5 }
```

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

```
.background{ background-color:#A495B5 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor