

# Converting Colors

Hex(A9A6C2)

Have a look what the booklet for  
Hex(A9A6C2) contains.

<b>Hex(A9A6C2)</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(A9A6C2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A9A6C2
RGB	169, 166, 194
RGB Percent	66%, 65%, 76%
CMY	0.3373, 0.3490, 0.2392
CMYK	0.13, 0.14, 0.00, 0.24
HSL	246°, 19%, 71%
HSV	246°, 14%, 76%
XYZ	39.7360, 39.6025, 56.5887
YIQ	170.0890, -7.2000, 9.3440

# Conversions

## Conversions Part 2

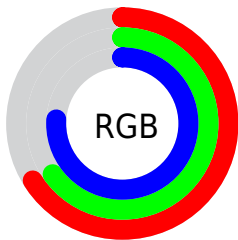
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	169, 166, 194
Decimal	11118274
CIE Lab	69.19, 6.69, -13.93
CIE LCh	69, 15.452, 295.654
Yxy	39.6025, 0.2923, 0.2914
Android (android.graphics.Color)	4289308354 (0xFFA9A6C2)
YUV	170.0890, 11.7881, -0.9551
Hunter-Lab	62.9305, 2.5813, -9.2637

# Details

The Hex color **A9A6C2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BFC2A6**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **E0DDFB**, and **75728C** is the 20% darker color. If you saturate the color by 10%, you get **9893C2**, and if you desaturate by 10%, it is **BAB9C2**.

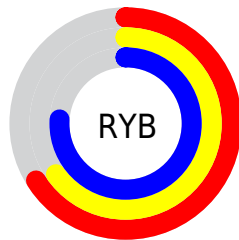
# Distribution



Red (66%)

Green (65%)

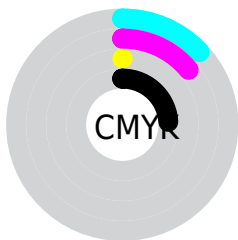
Blue (76%)



Red (66%)

Yellow (65%)

Blue (76%)

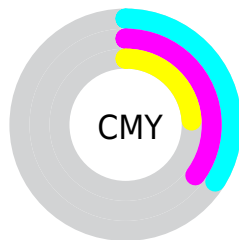


Cyan (13%)

Magenta (14%)

Yellow (0%)

Black (24%)



Cyan (34%)

Magenta (35%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A9A6C2 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 A9A6C2 by changing the saturation by 10% instead.





A9A6C2



A9A6C2

FFFFFF



8E8CA7



E0DDFB



75728C



FDFAFF



5C5A73



44425A



2D2C43



18182C



000018



000000



A9A6C2



A9A6C2

9893C2

BAB9C2

867FC2

CCCDC2

756CC2

DDE0C2

6458C2

EEF4C2

5245C2

FFFFC2

4132C2

301EC2

1E0BC2

1500C2

# Harmonies

## Analogous

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



97ABC4



A9A6C2



B9A2B9

# Triad

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



A9A6C2



C1A392



8AB1A6

# Complementary

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



A9A6C2



BFC2A6

# 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.



97AF99



A9A6C2



B6A78D

# Square

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



A9A6C2



C7A09D



A7AC90



84B1B4

# Rectangle

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



A9A6C2



C1A0B0



A7AC90



8EB1A1



# Sweetspot

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



A9A6C2



F3F2FC



A6BFC2



7A7980



000000



808080



# Same Dimension

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



A9A6C2



D6D2FC



B7A6C2



585761



1100A1



040021



# Inverse Universe

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



C2A6BF



FCD2F8



B1C2A6



615760



A1008F



21001E



# Previews

## White Background



This preview shows how the Hex color A9A6C2 looks on a white background.

## Color Contrast Check

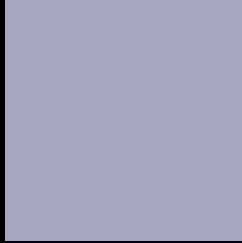
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color A9A6C2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

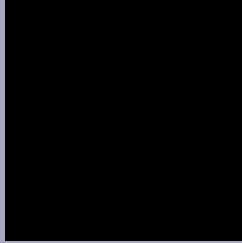
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A9A6C2 Background



This preview shows how black text looks on a background with the Hex color A9A6C2.



This preview shows how white text looks on a background with the Hex color A9A6C2.

# 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**  
A9A6C2

**Protanopia**  
A4A7C3

**Deuteranopia**  
ADA5C2



**Tritanopia**  
A7A8B5

# Trichromacy



**Original Color**  
A9A6C2

**Protanomaly**  
A6A7C3

**Deuteranomaly**  
ACA5C2

**Tritanomaly**  
A8A7BA

# Monochromacy



**Original Color**  
A9A6C2

**Achromatopsia**  
AAAAAA

**Achromatomaly**  
AAA9B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9A6C2 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 #A9A6C2 looks like.

```
.text, #text, p{  
    color:#A9A6C2  
}
```

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 #A9A6C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9A6C2
}
```

## Border

The CSS property to change the border of an element to Hex A9A6C2 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
#A9A6C2 }
```

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

```
.border{ border-color:#A9A6C2 }
```

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

Here you see how a box with a 4 pixel #A9A6C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9A6C2; -webkit-box-shadow:4px 4px  
4px 4px #A9A6C2; box-shadow:4px 4px 4px  
4px #A9A6C2 }
```

# Background

The CSS property to change the background color of an element to Hex A9A6C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9A6C2 }
```

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

```
.background{ background-color:#A9A6C2 }
```

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