

# Converting Colors

Hex(99A2C5)

Have a look what the booklet for  
Hex(99A2C5) contains.

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# **Color**

**Hex(99A2C5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99A2C5
RGB	153, 162, 197
RGB Percent	60%, 64%, 77%
CMY	0.4000, 0.3647, 0.2275
CMYK	0.22, 0.18, 0.00, 0.23
HSL	228°, 28%, 69%
HSV	228°, 22%, 77%
XYZ	36.1352, 36.6442, 57.9918
YIQ	163.2990, -16.5990, 8.9770

# Conversions

## Conversions Part 2

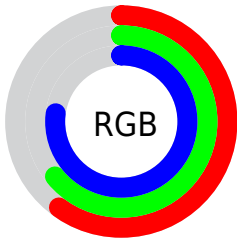
Format	Color
R <sub>Y</sub> B	153, 160, 197
Decimal	10068677
CIE Lab	67.01, 4.42, -19.00
CIE LCh	67, 19.506, 283.090
Yxy	36.6442, 0.2763, 0.2802
Android (android.graphics.Color)	4288258757 (0xFF99A2C5)
YUV	163.2990, 16.6146, -9.0322
Hunter-Lab	60.5344, 0.6180, -14.4255

# Details

The Hex color **99A2C5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C5BC99**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **D0D9FE**, and **656F8F** is the 20% darker color. If you saturate the color by 10%, you get **8592C5**, and if you desaturate by 10%, it is **ADB2C5**.

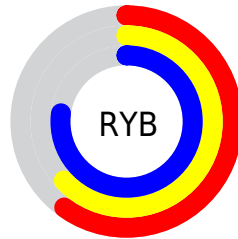
# Distribution



Red (60%)

Green (64%)

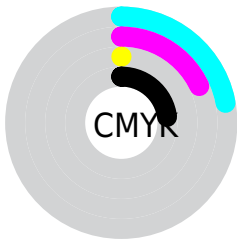
Blue (77%)



Red (60%)

Yellow (63%)

Blue (77%)

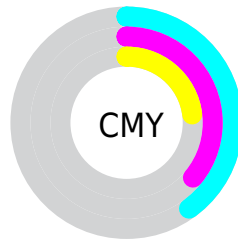


Cyan (22%)

Magenta (18%)

Yellow (0%)

Black (23%)



Cyan (40%)

Magenta (36%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99A2C5 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 99A2C5 by changing the saturation by 10% instead.





99A2C5



99A2C5

FFFFFF



7F88AA



D0D9FE



656F8F



ECF5FF



4D5675



353F5D



1E2945



06152F



00011A



000000



99A2C5



99A2C5

8592C5

ADB2C5

7283C5

C0C1C5

5E73C5

D4D1C5

4A63C5

E8E1C5

3754C5

FCF0C5

2344C5

FFFFC5

0F34C5

0028C5

# Harmonies

## Analogous

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



83A8C4



99A2C5



B09CBD

# Triad

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



99A2C5



C5998C



82AC98

# Complementary

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



99A2C5



C5BC99

# 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.



95A989



99A2C5



BA9F82

# Square

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



99A2C5



C7979C



A9A481



75ADAA

# Rectangle

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



99A2C5



BC99B3



A9A481



88AC93



# Sweetspot

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



99A2C5



EDF1FF



99C5BB



757780



000000



808080



# Same Dimension

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



99A2C5



BAC8FF



A599C5



5A5C63



0021A3



000724



# Inverse Universe

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



C599A2



FFBAC8



B9C599



635A5C



A30021

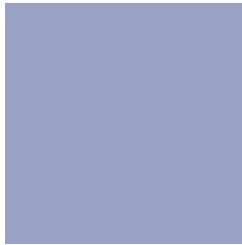


240007



# Previews

## White Background



This preview shows how the Hex color 99A2C5 looks on a white background.

## Color Contrast Check

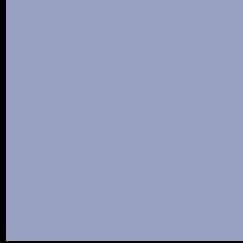
Large Text (above 18pt) WCAG AA × Fail

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 99A2C5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

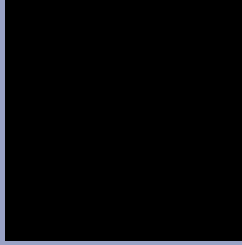
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

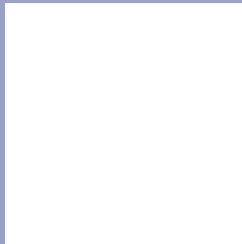
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 99A2C5 Background



This preview shows how black text looks on a background with the Hex color 99A2C5.



This preview shows how white text looks on a background with the Hex color 99A2C5.

# 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**  
99A2C5

**Protanopia**  
9BA1C5

**Deuteranopia**  
A19FC6



**Tritanopia**  
95A5B2

# Trichromacy



**Original Color**  
99A2C5

**Protanomaly**  
9AA1C5

**Deuteranomaly**  
9EA0C6

**Tritanomaly**  
96A4B9

# Monochromacy



**Original Color**  
99A2C5

**Achromatopsia**  
A3A3A3

**Achromatomaly**  
9FA3AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99A2C5 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 #99A2C5 looks like.

```
.text, #text, p{  
    color:#99A2C5  
}
```

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 #99A2C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99A2C5
}
```

## Border

The CSS property to change the border of an element to Hex 99A2C5 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
#99A2C5 }
```

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

```
.border{ border-color:#99A2C5 }
```

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

Here you see how a box with a 4 pixel #99A2C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99A2C5; -webkit-box-shadow:4px 4px  
4px 4px #99A2C5; box-shadow:4px 4px 4px  
4px #99A2C5 }
```

# Background

The CSS property to change the background color of an element to Hex 99A2C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99A2C5 }
```

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

```
.background{ background-color:#99A2C5 }
```

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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