

# Converting Colors

Hex(9899C5)

Have a look what the booklet for  
Hex(9899C5) contains.

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# **Color**

**Hex(9899C5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9899C5
RGB	152, 153, 197
RGB Percent	60%, 60%, 77%
CMY	0.4039, 0.4000, 0.2275
CMYK	0.23, 0.22, 0.00, 0.23
HSL	239°, 28%, 68%
HSV	239°, 23%, 77%
XYZ	34.4182, 33.4891, 57.4733
YIQ	157.7170, -14.7200, 13.4720

# Conversions

## Conversions Part 2

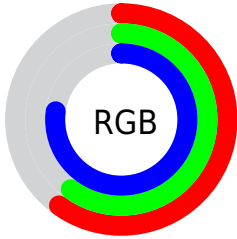
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 153, 197
Decimal	10000837
CIE <sub>Lab</sub>	64.55, 9.17, -22.75
CIE <sub>LCh</sub>	65, 24.523, 291.947
Y <sub>xy</sub>	33.4891, 0.2745, 0.2671
Android (android.graphics.Color)	4288190917 (0xFF9899C5)
YUV	157.7170, 19.3665, -5.0138
Hunter-Lab	57.8698, 4.8912, -18.3750

# Details

The Hex color **9899C5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C5C498**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **CFCFFE**, and **64668F** is the 20% darker color. If you saturate the color by 10%, you get **8486C5**, and if you desaturate by 10%, it is **ACACC5**.

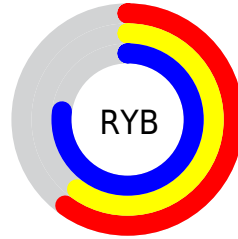
# Distribution



Red (60%)

Green (60%)

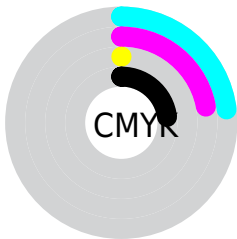
Blue (77%)



Red (60%)

Yellow (60%)

Blue (77%)

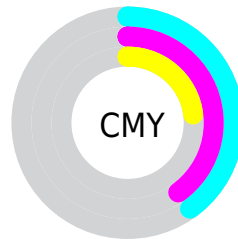


Cyan (23%)

Magenta (22%)

Yellow (0%)

Black (23%)



Cyan (40%)

Magenta (40%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9899C5 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 9899C5 by changing the saturation by 10% instead.



■ 9899C5

■ 9899C5

FFFFFF

■ 7E7FAA

■ CFCFFE

■ 64668F

■ EBEBFF

■ 4B4E75

■ 34375D

■ 1C2245

■ 050C2E

■ 000119

■ 000000

■ 9899C5

■ 9899C5

8486C5

ACACC5

7172C5

BFC0C5

5D5FC5

D3D3C5

494CC5

E7E6C5

3639C5

FBF9C5

2225C5

FFFFC5

0E12C5

0004C5

# Harmonies

## Analogous

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



79A0C7



9899C5



B392B8

# Triad

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



9899C5



C2927B



6BA896

# Complementary

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



9899C5



C5C498

# 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.



83A681



9899C5



B29971

# Square

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



9899C5



C98D8D



9CA074



5CA9AC

# Rectangle

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



9899C5



C08EAB



9CA074



72A88E



# Sweetspot

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



9899C5



EDEEFF



98C5C4



757680



000000



808080



# Same Dimension

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



9899C5



BABCFF



AD98C5



5A5A63



0004A3



000124



# Inverse Universe

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



C59899



FFBABC



B0C598



635A5A



A30004

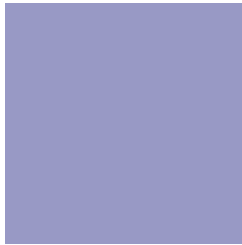


240001



# Previews

## White Background



This preview shows how the Hex color 9899C5 looks on a white background.

## Color Contrast Check

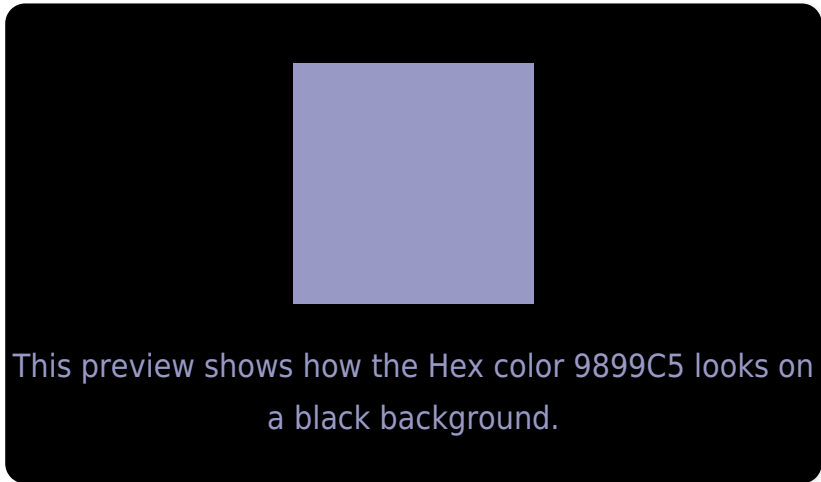
Large Text (above 18pt) WCAG AA × Fail

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

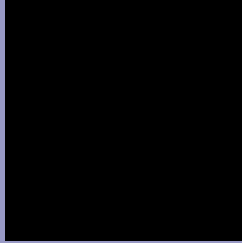
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9899C5 Background



This preview shows how black text looks on a background with the Hex color 9899C5.



This preview shows how white text looks on a background with the Hex color 9899C5.

# 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**  
9899C5

**Protanopia**  
929BC6

**Deuteranopia**  
9799C5



# Trichromacy



**Original Color**  
9899C5

**Protanomaly**  
949AC6

**Deuteranomaly**  
9799C5

**Tritanomaly**  
959CB4

# Monochromacy



**Original Color**  
9899C5

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
9C9CAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9899C5 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 #9899C5 looks like.

```
.text, #text, p{  
    color:#9899C5  
}
```

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 #9899C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9899C5
}
```

## Border

The CSS property to change the border of an element to Hex 9899C5 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
#9899C5 }
```

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

```
.border{ border-color:#9899C5 }
```

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

Here you see how a box with a 4 pixel #9899C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9899C5; -webkit-box-shadow:4px 4px  
4px 4px #9899C5; box-shadow:4px 4px 4px  
4px #9899C5 }
```

# Background

The CSS property to change the background color of an element to Hex 9899C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9899C5 }
```

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

```
.background{ background-color:#9899C5 }
```

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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