

Converting Colors

Hex(9997C9)

Have a look what the booklet for
Hex(9997C9) contains.

Hex(9997C9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9997C9)

Conversions

Conversions Part 1

Format	Color
Hex	9997C9
RGB	153, 151, 201
RGB Percent	60%, 59%, 79%
CMY	0.4000, 0.4078, 0.2118
CMYK	0.24, 0.25, 0.00, 0.21
HSL	242°, 32%, 69%
HSV	242°, 25%, 79%
XYZ	34.7461, 33.1226, 59.8203
YIQ	157.2980, -14.8580, 15.9740

Conversions

Conversions Part 2

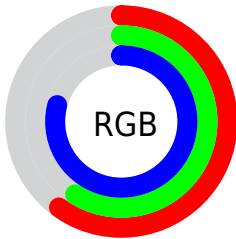
Format	Color
R_{YB}	153, 151, 201
Decimal	10065865
CIE _{Lab}	64.26, 11.57, -25.43
CIE _{LCh}	64, 27.932, 294.459
Yxy	33.1226, 0.2721, 0.2594
Android (android.graphics.Color)	4288255945 (0xFF9997C9)
YUV	157.2980, 21.5451, -3.7693
Hunter-Lab	57.5522, 7.0497, -21.3400

Details

The Hex color **9997C9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C7C997**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **D0CDFF**, and **656493** is the 20% darker color. If you saturate the color by 10%, you get **8683C9**, and if you desaturate by 10%, it is **ACABC9**.

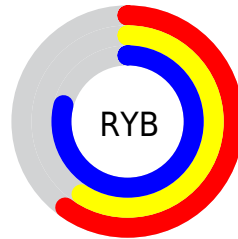
Distribution



Red (60%)

Green (59%)

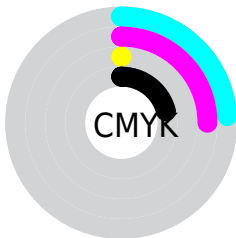
Blue (79%)



Red (60%)

Yellow (59%)

Blue (79%)

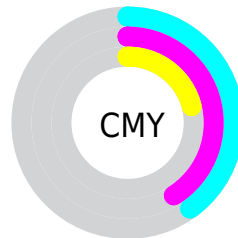


Cyan (24%)

Magenta (25%)

Yellow (0%)

Black (21%)



Cyan (40%)

Magenta (41%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9997C9 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 9997C9 by changing the saturation by 10% instead.



9997C9



9997C9

FFFFFF



7F7DAE



D0CDFF



656493



EDE9FF



4C4C79



343660



1C2148



050A31



00011C



000000



9997C9



9997C9

8683C9

ACABC9

726FC9

C0BFC9

5F5BC9

D3D3C9

4C47C9

E6E7C9

3933C9

F9FCC9

251EC9

FFFFC9

120AC9

0800C9

Harmonies

Analogous

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



74A0CD



9997C9



B78FB9

Triad

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



9997C9



C59074



5FA996

Complementary

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



9997C9



C7C997

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.



7BA67E



9997C9



B2996A

Square

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



9997C9



CE8A88



98A16E



4DA9AF

Rectangle

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



9997C9



C58BAA



98A16E



68A98E

Sweetspot

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



9997C9



EEEDFF



97C7C9



767580



000000



808080

Same Dimension

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



9997C9



B6B3FF



B297C9



5A5A63



0700A3



010024

Inverse Universe

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



C997C7



FFB3FC



AEC997



635A63



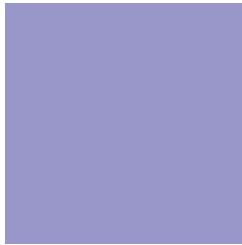
A3009D



240022

Previews

White Background



This preview shows how the Hex color 9997C9 looks on a white background.

Color Contrast Check

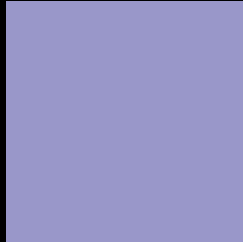
Large Text (above 18pt) WCAG AA × Fail

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 9997C9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

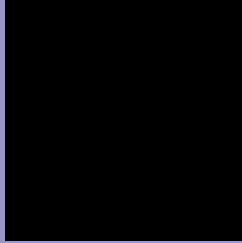
Any Text WCAG AA ✓ Pass

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 9997C9 Background



This preview shows how black text looks on a background with the Hex color 9997C9.



This preview shows how white text looks on a background with the Hex color 9997C9.

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
9997C9

Protanopia
8F9ACB

Deuteranopia
9399C9



Tritanopia
939DA9

Trichromacy



Original Color
9997C9

Protanomaly
9399CA

Deuteranomaly
9598C9

Tritanomaly
959BB5

Monochromacy



Original Color
9997C9

Achromatopsia
9D9D9D

Achromatomaly
9C9BAD

CSS Examples

Text

The CSS property to change the color of the text to Hex 9997C9 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 #9997C9 looks like.

```
.text, #text, p{  
    color:#9997C9  
}
```

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 #9997C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9997C9
}
```

Border

The CSS property to change the border of an element to Hex 9997C9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

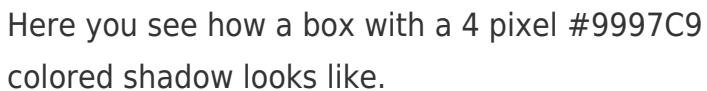
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9997C9 }
```

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

```
.border{ border-color:#9997C9 }
```

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



Here you see how a box with a 4 pixel #9997C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9997C9; -webkit-box-shadow:4px 4px  
4px 4px #9997C9; box-shadow:4px 4px 4px  
4px #9997C9 }
```

Background

The CSS property to change the background color of an element to Hex 9997C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9997C9 }
```

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

```
.background{ background-color:#9997C9 }
```

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