

Converting Colors

Hex(9996CA)

Have a look what the booklet for
Hex(9996CA) contains.

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Color

Hex(9996CA)

Conversions

Conversions Part 1

Format	Color
Hex	9996CA
RGB	153, 150, 202
RGB Percent	60%, 59%, 79%
CMY	0.4000, 0.4118, 0.2078
CMYK	0.24, 0.26, 0.00, 0.21
HSL	243°, 33%, 69%
HSV	243°, 26%, 79%
XYZ	34.7039, 32.8493, 60.3886
YIQ	156.8250, -14.9040, 16.8080

Conversions

Conversions Part 2

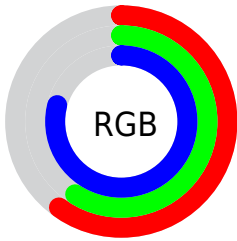
Format	Color
R_{YB}	153, 150, 202
Decimal	10065610
CIE _{Lab}	64.04, 12.37, -26.32
CIE _{LCh}	64, 29.087, 295.177
Yxy	32.8493, 0.2712, 0.2568
Android (android.graphics.Color)	4288255690 (0xFF9996CA)
YUV	156.8250, 22.2713, -3.3545
Hunter-Lab	57.3143, 7.7820, -22.3503

Details

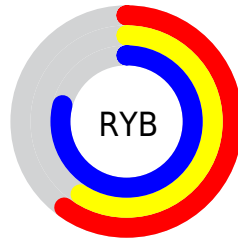
The Hex color **9996CA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C7CA96**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **D0CCFF**, and **656394** is the 20% darker color. If you saturate the color by 10%, you get **8682CA**, and if you desaturate by 10%, it is **ACAACA**.

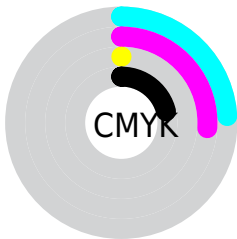
Distribution



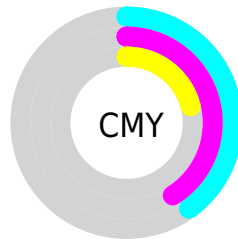
- Red (60%)
- Green (59%)
- Blue (79%)



- Red (60%)
- Yellow (59%)
- Blue (79%)



- Cyan (24%)
- Magenta (26%)
- Yellow (0%)
- Black (21%)



- Cyan (40%)
- Magenta (41%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9996CA 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 9996CA by changing the saturation by 10% instead.

■ 9996CA

■ 9996CA

FFFFFF

■ 7F7CAE

■ D0CCFF

■ 656394

■ EDE8FF

■ 4C4B7A

■ 343561

■ 1C2049

■ 050932

■ 00021D

■ 000000

■ 9996CA

■ 9996CA

8682CA

ACAACA

736ECA

BFBECA

6059CA

D2D3CA

4D45CA

E5E7CA

3A31CA

F8FBCA

271DCA

FFFFCA

1409CA

0C00CA

Harmonies

Analogous

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



729FCE



9996CA



B88DB9

Triad

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



9996CA



C58F72



5BA996

Complementary

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



9996CA



C7CA96

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.



79A67D



9996CA



B19868

Square

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



9996CA



CF8986



97A06C



46A9B0

Rectangle

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



9996CA



C689A9



97A06C



64A98D

Sweetspot

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



9996CA



ECEBFF



96C7CA



737380



000000



808080

Same Dimension

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



9996CA



B5B0FF



B396CA



5C5C66



0A00A6



020026

Inverse Universe

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



CA96C7



FFB0FA



ADCA96



665C65



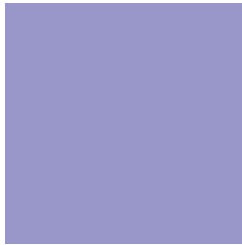
A6009C



260024

Previews

White Background



This preview shows how the Hex color 9996CA looks on a white background.

Color Contrast Check

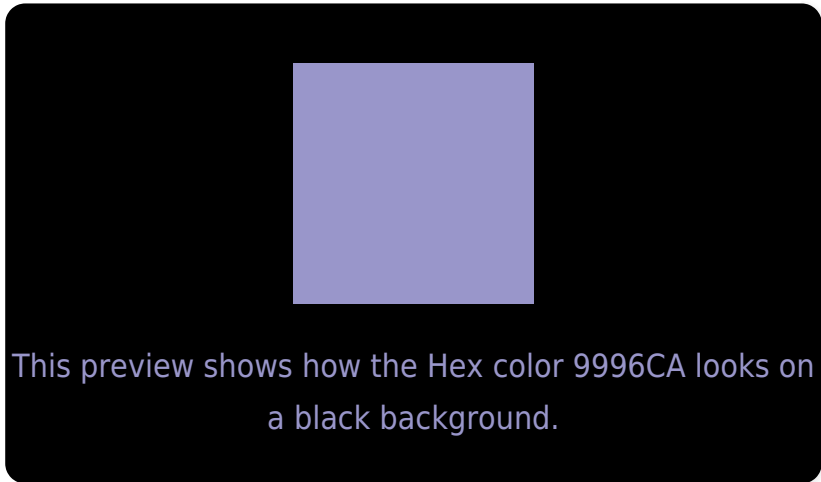
Large Text (above 18pt) WCAG AA × Fail

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

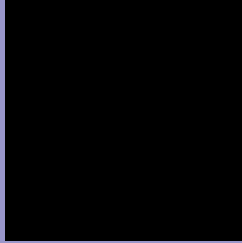
Any Text WCAG AA ✓ Pass

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 9996CA Background



This preview shows how black text looks on a background with the Hex color 9996CA.



This preview shows how white text looks on a background with the Hex color 9996CA.

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
9996CA

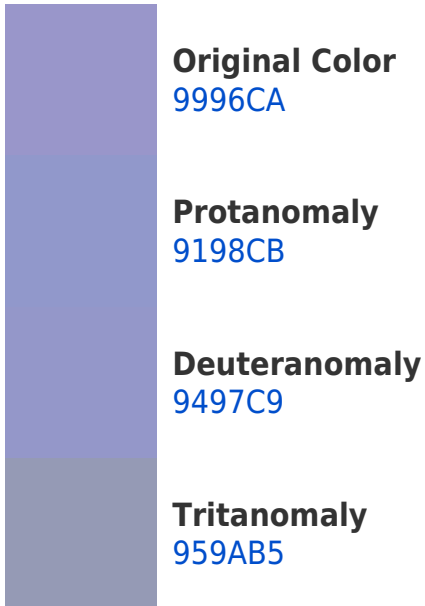
Protanopia
8D99CC

Deuteranopia
9198C9

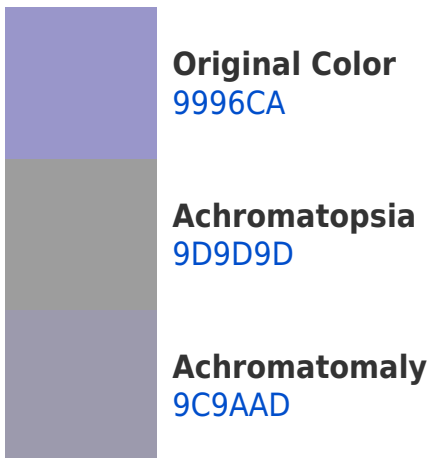


Tritanopia
939CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9996CA 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 #9996CA looks like.

```
.text, #text, p{  
    color:#9996CA  
}
```

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 #9996CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9996CA
}
```

Border

The CSS property to change the border of an element to Hex 9996CA is called "border". The border property can be set on classes, ids or directly on the HTML element.

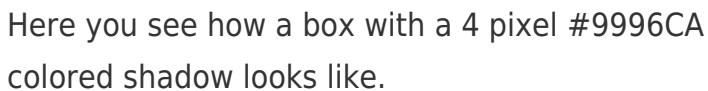
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9996CA }
```

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

```
.border{ border-color:#9996CA }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border and a purple shadow. The shadow is a 4px wide, 4px high, 4px offset purple box. The text inside the box is "Here you see how a box with a 4 pixel #9996CA colored shadow looks like." The box is positioned in the middle of the page, below the text "If you want to add a box shadow in that color use:" and above the CSS code block.

Here you see how a box with a 4 pixel #9996CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9996CA; -webkit-box-shadow:4px 4px  
4px 4px #9996CA; box-shadow:4px 4px 4px  
4px #9996CA }
```

Background

The CSS property to change the background color of an element to Hex 9996CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9996CA }
```

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

```
.background{ background-color:#9996CA }
```

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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