

Converting Colors

Hex(9926CA)

Have a look what the booklet for
Hex(9926CA) contains.

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Color

Hex(9926CA)

Conversions

Conversions Part 1

Format	Color
Hex	9926CA
RGB	153, 38, 202
RGB Percent	60%, 15%, 79%
CMY	0.4000, 0.8510, 0.2078
CMYK	0.24, 0.81, 0.00, 0.21
HSL	282°, 68%, 47%
HSV	282°, 81%, 79%
XYZ	24.4907, 12.4228, 56.9842
YIQ	91.0810, 15.8960, 75.3840

Conversions

Conversions Part 2

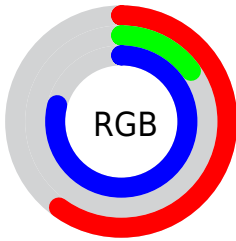
Format	Color
R_{YB}	153, 38, 202
Decimal	10036938
CIE _{Lab}	41.88, 68.68, -61.38
CIE _{LCh}	42, 92.114, 318.214
Yxy	12.4228, 0.2608, 0.1323
Android (android.graphics.Color)	4288227018 (0xFF9926CA)
YUV	91.0810, 54.6831, 54.3030
Hunter-Lab	35.2460, 62.3501, -71.1852

Details

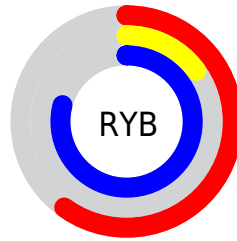
The Hex color **9926CA** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **57CA26**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **D462FF**, and **600093** is the 20% darker color. If you saturate the color by 10%, you get **9312CA**, and if you desaturate by 10%, it is **9F3ACA**.

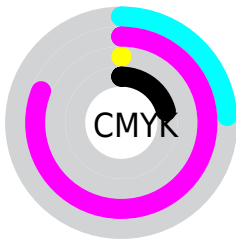
Distribution



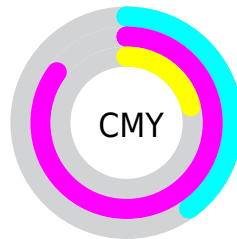
- Red (60%)
- Green (15%)
- Blue (79%)



- Red (60%)
- Yellow (15%)
- Blue (79%)



- Cyan (24%)
- Magenta (81%)
- Yellow (0%)
- Black (21%)



- Cyan (40%)
- Magenta (85%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9926CA 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 9926CA by changing the saturation by 10% instead.

 9926CA

 9926CA

FFFFFF

 7C00AE

 D462FF

 600093

 F27EFF

 430078

 FF9BFF

 27005F

 FFB7FF

 000046

 FFD4FF

 00042E

 FFF2FF

 000119

 000000

 9926CA

 9926CA

 9312CA

 9F3ACA

 8E00CA

 A54ECA

 AB63CA

 B177CA

 B78BCA

 BD9FCA

 C3B3CA

 C9C8CA

 CFDCCA

Harmonies

Analogous

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



005EF7



9926CA



D40084

Triad

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



9926CA



915500



007F91

Complementary

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



9926CA



57CA26

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.



007D41



9926CA



4D6D00

Square

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



9926CA



C31C00



007900



007FD5

Rectangle

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



9926CA



DF0052



007900



007F77

Sweetspot

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



9926CA



EDC2FF



2657CA



745B80



000000



808080

Same Dimension

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



9926CA



B508FF



CA26A9



635C66



7400A6



1B0026

Inverse Universe

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



CA2657



FF0852



26CA47



665C5F



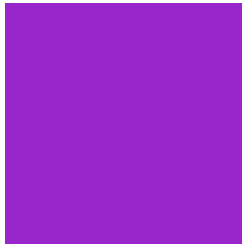
A60032



26000B

Previews

White Background



This preview shows how the Hex color 9926CA looks on a white background.

Color Contrast Check

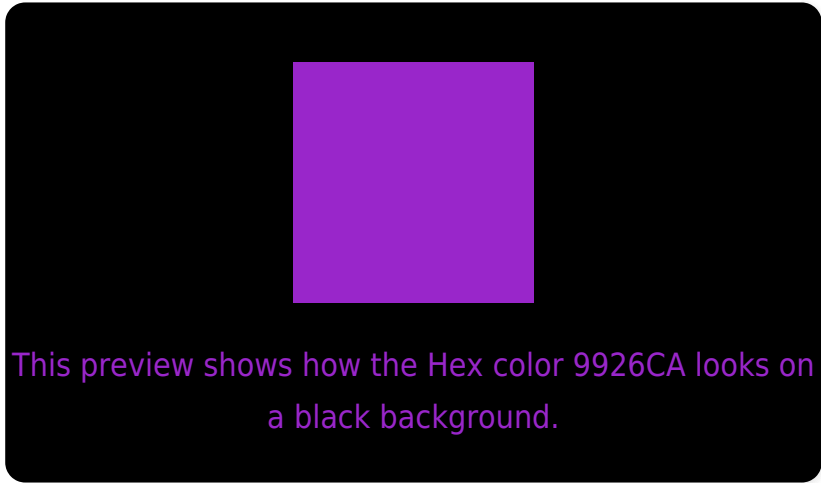
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

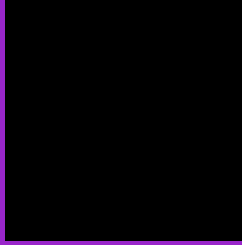
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 9926CA Background



This preview shows how black text looks on a background with the Hex color 9926CA.

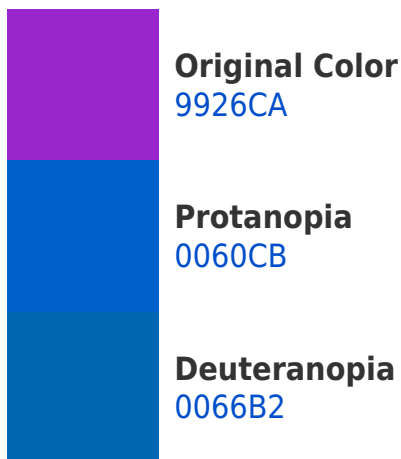


This preview shows how white text looks on a background with the Hex color 9926CA.

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](#).

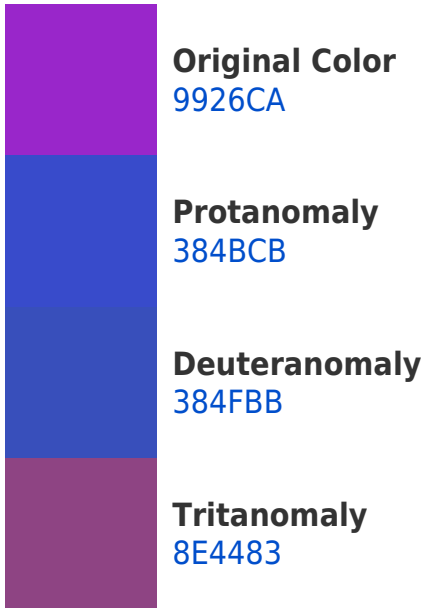
Dichromacy



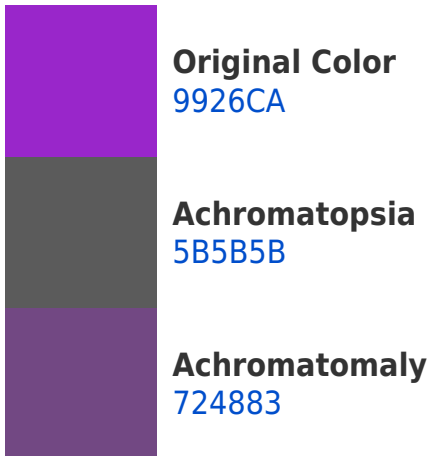


Tritanopia
88555B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9926CA 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 #9926CA looks like.

```
.text, #text, p{  
    color:#9926CA  
}
```

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 #9926CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9926CA
}
```

Border

The CSS property to change the border of an element to Hex 9926CA 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
#9926CA }
```

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

```
.border{ border-color:#9926CA }
```

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

Here you see how a box with a 4 pixel #9926CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9926CA; -webkit-box-shadow:4px 4px  
4px 4px #9926CA; box-shadow:4px 4px 4px  
4px #9926CA }
```

Background

The CSS property to change the background color of an element to Hex 9926CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9926CA }
```

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

```
.background{ background-color:#9926CA }
```

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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