

Converting Colors

Hex(9900C6)

Have a look what the booklet for
Hex(9900C6) contains.

Hex(9900C6)	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(9900C6)

Conversions

Conversions Part 1

Format	Color
Hex	9900C6
RGB	153, 0, 198
RGB Percent	60%, 0%, 78%
CMY	0.4000, 1.0000, 0.2235
CMYK	0.23, 1.00, 0.00, 0.22
HSL	286°, 100%, 39%
HSV	286°, 100%, 78%
XYZ	23.3299, 10.8495, 54.2906
YIQ	68.3190, 27.6300, 94.0140

Conversions

Conversions Part 2

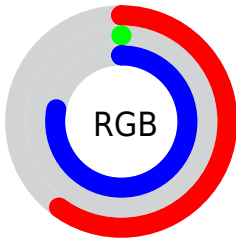
Format	Color
RYB	153, 0, 198
Decimal	10027206
CIELab	39.33, 74.59, -63.20
CIElCh	39, 97.765, 319.723
Yxy	10.8495, 0.2637, 0.1226
Android (android.graphics.Color)	4288217286 (0xFF9900C6)
YUV	68.3190, 63.9327, 74.2652
Hunter-Lab	32.9386, 68.7862, -74.6669

Details

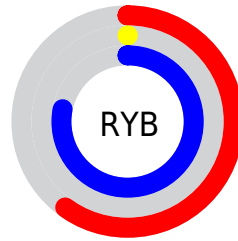
The Hex color **9900C6** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **2DC600**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **D452FF**, and **5F008F** is the 20% darker color. If you saturate the color by 10%, you get **9900C6**, and if you desaturate by 10%, it is **9E14C6**.

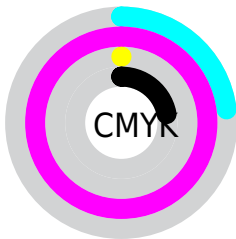
Distribution



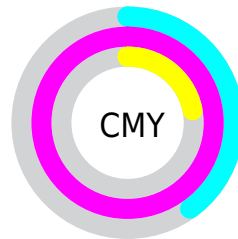
- Red (60%)
- Green (0%)
- Blue (78%)



- Red (60%)
- Yellow (0%)
- Blue (78%)



- Cyan (23%)
- Magenta (100%)
- Yellow (0%)
- Black (22%)



- Cyan (40%)
- Magenta (100%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9900C6 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 9900C6 by changing the saturation by 10% instead.

 9900C6

 9900C6

FFFFFF

 7C00AA

 D452FF

 5F008F

 F270FF

 420074

 FF8DFF

 26005B

 FFA9FF

 000042

 FFC7FF

 00032B

 FFE4FF

 000115

 000000

 9900C6

 9E14C6

 A228C6

 A73BC6

 AB4FC6

 B063C6

 B477C6

 B98BC6

 BD9EC6

 C2B2C6

Harmonies

Analogous

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



0056F7



9900C6



D4007C

Triad

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



9900C6



885000



007991

Complementary

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



9900C6



2DC600

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.



00773D



9900C6



3D6800

Square

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



9900C6



BD0400



007300



0079D8

Rectangle

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



9900C6



DD0048



007300



007976

Sweetspot

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



9900C6



EEB3FF



002EC6



755280



000000



808080

Same Dimension

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



9900C6



C500FF



C60091



615A63



7E00A3



1C0024

Inverse Universe

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



C6002D



FF003A



00C635



635A5C



A30025



240008

Previews

White Background



This preview shows how the Hex color 9900C6 looks on a white background.

Color Contrast Check

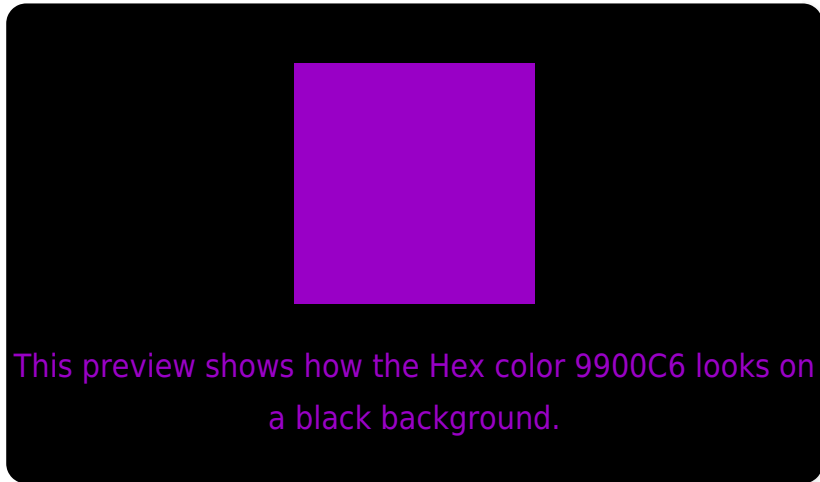
Large Text (above 18pt) WCAG AA ✓ Pass

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

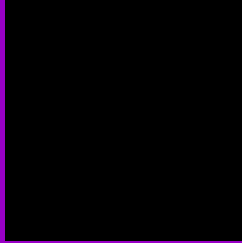
Any Text WCAG AA × Fail

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 9900C6 Background



This preview shows how black text looks on a background with the Hex color 9900C6.

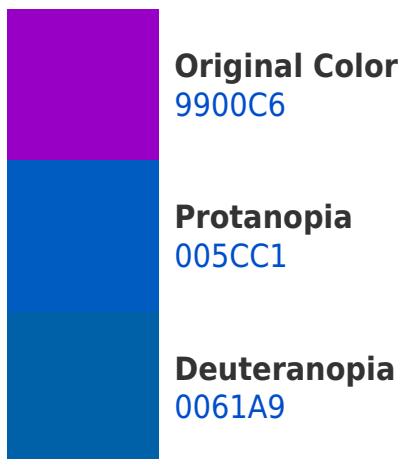



This preview shows how white text looks on a background with the Hex color 9900C6.

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
884E53

Trichromacy



Original Color
9900C6



Protanomaly
383BC3



Deuteranomaly
383EB4



Tritanomaly
8E327D

Monochromacy



Original Color
9900C6



Achromatopsia
444444



Achromatomaly
632B73

CSS Examples

Text

The CSS property to change the color of the text to Hex 9900C6 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 #9900C6 looks like.

```
.text, #text, p{  
    color:#9900C6  
}
```

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 #9900C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9900C6
}
```

Border

The CSS property to change the border of an element to Hex 9900C6 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".

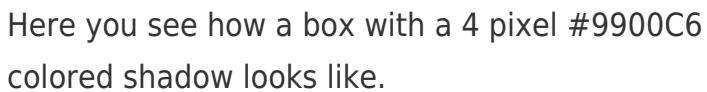
```
.border, #border, table{ border:4px solid
#9900C6 }
```

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

```
.border{ border-color:#9900C6 }
```

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

Here you see how a box with a 4 pixel #9900C6 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9900C6; -webkit-box-shadow:4px 4px  
4px 4px #9900C6; box-shadow:4px 4px 4px  
4px #9900C6 }
```

Background

The CSS property to change the background color of an element to Hex 9900C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9900C6 }
```

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

```
.background{ background-color:#9900C6 }
```

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