

Converting Colors

Hex(9805C5)

Have a look what the booklet for
Hex(9805C5) contains.

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Color

Hex(9805C5)

Conversions

Conversions Part 1

Format	Color
Hex	9805C5
RGB	152, 5, 197
RGB Percent	60%, 2%, 77%
CMY	0.4039, 0.9804, 0.2275
CMYK	0.23, 0.97, 0.00, 0.23
HSL	286°, 95%, 40%
HSV	286°, 97%, 77%
XYZ	23.0812, 10.8152, 53.6943
YIQ	70.8410, 25.9800, 90.8760

Conversions

Conversions Part 2

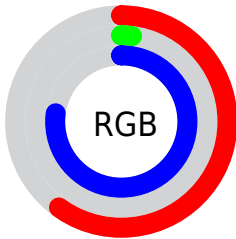
Format	Color
R_{YB}	152, 5, 197
Decimal	9962949
CIE _{Lab}	39.27, 73.72, -62.72
CIE _{LCh}	39, 96.794, 319.609
Yxy	10.8152, 0.2635, 0.1235
Android (android.graphics.Color)	4288153029 (0xFF9805C5)
YUV	70.8410, 62.1964, 71.1764
Hunter-Lab	32.8864, 67.7284, -73.7836

Details

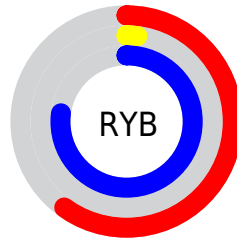
The Hex color **9805C5** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **32C505**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **D354FF**, and **5E008E** is the 20% darker color. If you saturate the color by 10%, you get **9700C5**, and if you desaturate by 10%, it is **9D19C5**.

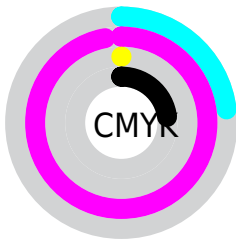
Distribution



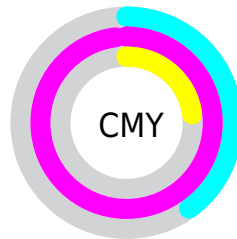
- Red (60%)
- Green (2%)
- Blue (77%)



- Red (60%)
- Yellow (2%)
- Blue (77%)



- Cyan (23%)
- Magenta (97%)
- Yellow (0%)
- Black (23%)



- Cyan (40%)
- Magenta (98%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9805C5 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 9805C5 by changing the saturation by 10% instead.

9805C5

9805C5

FFFFFF

7B00A9

D354FF

5E008E

F171FF

410074

FF8DFF

26005A

FFAAFF

000041

FFC7FF

00032A

FFE5FF

000114

000000

9805C5

9805C5

■ 9700C5

■ 9D19C5

■ A12CC5

■ A640C5

■ AA54C5

■ AF68C5

■ B47BC5

■ B88FC5

■ BDA3C5

■ C2B6C5

Harmonies

Analogous

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



0056F6



9805C5



D3007C

Triad

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



9805C5



885000



007990

Complementary

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



9805C5



32C505

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



9805C5



3E6800

Square

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



9805C5



BC0700



007300



0079D6

Rectangle

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



9805C5



DC0048



007300



007875

Sweetspot

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



9805C5



EEB5FF



0535C5



755380



000000



808080

Same Dimension

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



9805C5



C300FF



C50595



615A63



7D00A3



1B0024

Inverse Universe

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



C50532



FF003C



05C535



635A5C



A30026



240008

Previews

White Background



This preview shows how the Hex color 9805C5 looks on a white background.

Color Contrast Check

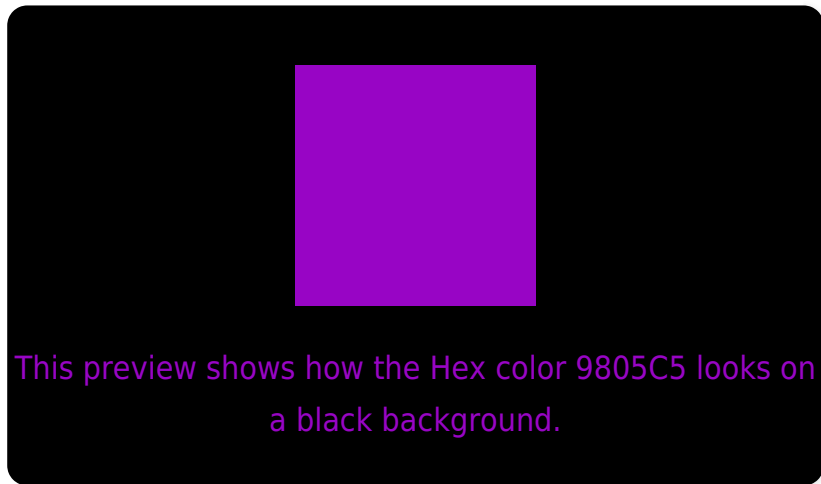
Large Text (above 18pt) WCAG AA ✓ Pass

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

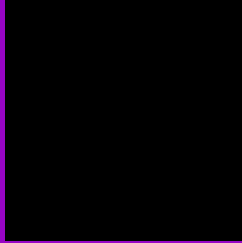
Any Text WCAG AA × Fail

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 9805C5 Background



This preview shows how black text looks on a background with the Hex color 9805C5.

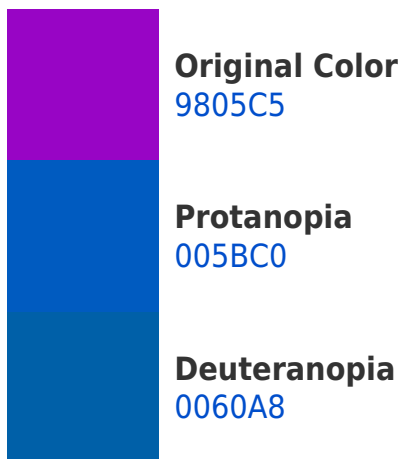


This preview shows how white text looks on a background with the Hex color 9805C5.

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
874D53

Trichromacy



Original Color
9805C5



Protanomaly
373CC2



Deuteranomaly
373FB3



Tritanomaly
8D337C

Monochromacy



Original Color
9805C5



Achromatopsia
474747



Achromatomaly
642F75

CSS Examples

Text

The CSS property to change the color of the text to Hex 9805C5 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 #9805C5 looks like.

```
.text, #text, p{  
    color:#9805C5  
}
```

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 #9805C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9805C5
}
```

Border

The CSS property to change the border of an element to Hex 9805C5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

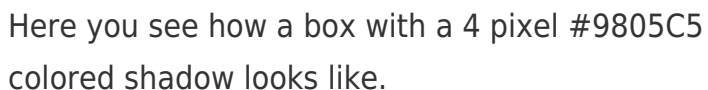
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9805C5 }
```

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

```
.border{ border-color:#9805C5 }
```

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



Here you see how a box with a 4 pixel #9805C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9805C5; -webkit-box-shadow:4px 4px  
4px 4px #9805C5; box-shadow:4px 4px 4px  
4px #9805C5 }
```

Background

The CSS property to change the background color of an element to Hex 9805C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9805C5 }
```

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

```
.background{ background-color:#9805C5 }
```

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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