

# Converting Colors

Hex(9C6CC5)

Have a look what the booklet for  
Hex(9C6CC5) contains.

<b>Hex(9C6CC5)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(9C6CC5)

# Conversions

## Conversions Part 1

Format	Color
Hex	9C6CC5
RGB	156, 108, 197
RGB Percent	61%, 42%, 77%
CMY	0.3882, 0.5765, 0.2275
CMYK	0.21, 0.45, 0.00, 0.23
HSL	272°, 43%, 60%
HSV	272°, 45%, 77%
XYZ	29.1509, 21.8243, 55.4994
YIQ	132.4980, 0.0390, 37.8550

# Conversions

## Conversions Part 2

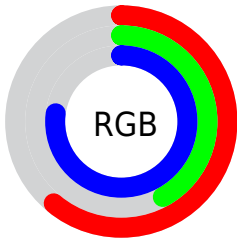
<b>Format</b>	<b>Color</b>
<b>RYB</b>	156, 108, 197
Decimal	10251461
CIELab	53.84, 36.16, -39.35
CIELCh	54, 53.436, 312.579
Yxy	21.8243, 0.2738, 0.2050
Android (android.graphics.Color)	4288441541 (0xFF9C6CC5)
YUV	132.4980, 31.7995, 20.6113
Hunter-Lab	46.7164, 29.6296, -37.7354

# Details

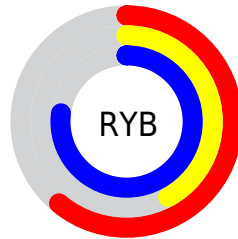
The Hex color **9C6CC5** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **95C56C**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **D4A0FE**, and **663B8F** is the 20% darker color. If you saturate the color by 10%, you get **9358C5**, and if you desaturate by 10%, it is **A580C5**.

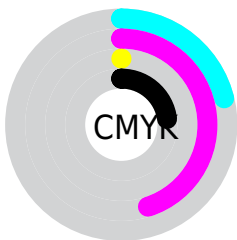
# Distribution



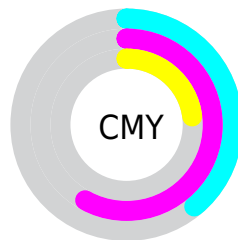
- Red (61%)
- Green (42%)
- Blue (77%)



- Red (61%)
- Yellow (42%)
- Blue (77%)



- Cyan (21%)
- Magenta (45%)
- Yellow (0%)
- Black (23%)



- Cyan (39%)
- Magenta (58%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C6CC5 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 9C6CC5 by changing the saturation by 10% instead.



■ 9C6CC5

■ 9C6CC5

FFFFFF

■ 8153A9

■ D4A0FE

■ 663B8F

■ F1BCFF

■ 4D2375

■ FFD8FF

■ 330B5C

■ FFF4FF

■ 1B0044

■ 00002D

■ 000117

■ 000000

■ 9C6CC5

■ 9C6CC5

9358C5

A580C5

8A45C5

AE93C5

8131C5

B7A7C5

781DC5

C0BBC5

6F09C5

C9CFC5

6A00C5

D2E2C5

DCF6C5

E5FFC5

EEFFC5

# Harmonies

## Analogous

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



4A7FDB



9C6CC5



C65A9D

# Triad

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



9C6CC5



AF7523



009793

# Complementary

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



9C6CC5



95C56C

# 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.



009563



9C6CC5



86841C

# Square

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



9C6CC5



CB6244



538F38



0095BE

# Rectangle

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



9C6CC5



D3557F



538F38



009783



# Sweetspot

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



9C6CC5



EFDBFF



6C96C5



766A80



000000



808080



# Same Dimension

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



9C6CC5



C075FF



C56CC2



5F5A63



5800A3



130024



# Inverse Universe

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



C56C95



FF75B5



6CC56F



635A5E



A3004B

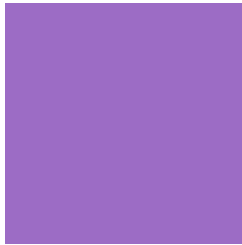


240010



# Previews

## White Background



This preview shows how the Hex color 9C6CC5 looks on a white background.

## Color Contrast Check

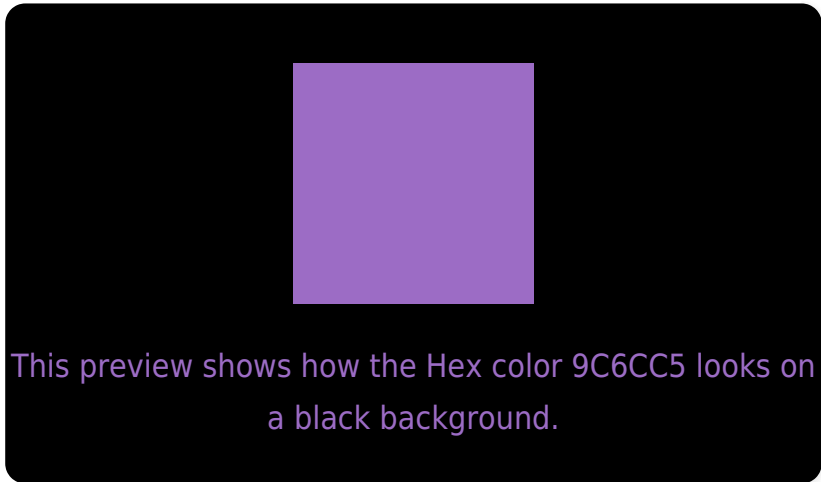
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

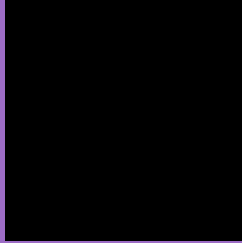
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9C6CC5 Background



This preview shows how black text looks on a background with the Hex color 9C6CC5.

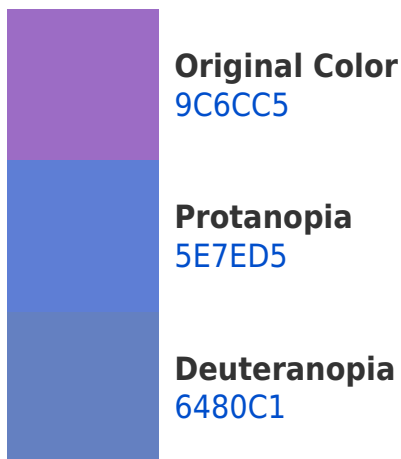


This preview shows how white text looks on a background with the Hex color 9C6CC5.

# 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](#).

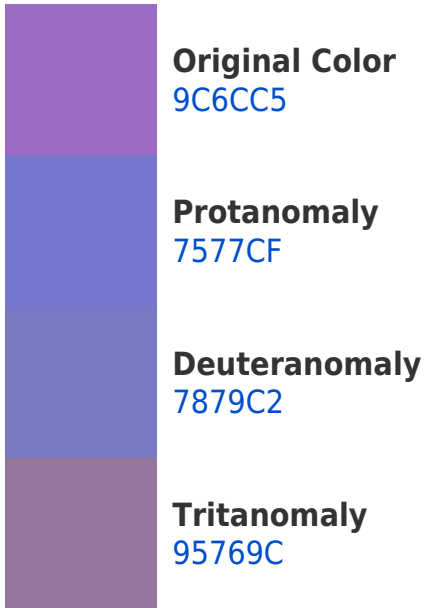
## Dichromacy





**Tritanopia**  
917B84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C6CC5 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 #9C6CC5 looks like.

```
.text, #text, p{  
    color:#9C6CC5  
}
```

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 #9C6CC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C6CC5
}
```

## Border

The CSS property to change the border of an element to Hex 9C6CC5 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
#9C6CC5 }
```

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

```
.border{ border-color:#9C6CC5 }
```

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

Here you see how a box with a 4 pixel #9C6CC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C6CC5; -webkit-box-shadow:4px 4px  
4px 4px #9C6CC5; box-shadow:4px 4px 4px  
4px #9C6CC5 }
```

# Background

The CSS property to change the background color of an element to Hex 9C6CC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C6CC5 }
```

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

```
.background{ background-color:#9C6CC5 }
```

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