

Converting Colors

Hex(9B5CB3)

Have a look what the booklet for
Hex(9B5CB3) contains.

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Color

Hex(9B5CB3)

Conversions

Conversions Part 1

Format	Color
Hex	9B5CB3
RGB	155, 92, 179
RGB Percent	61%, 36%, 70%
CMY	0.3922, 0.6392, 0.2980
CMYK	0.13, 0.49, 0.00, 0.30
HSL	283°, 36%, 53%
HSV	283°, 49%, 70%
XYZ	25.4814, 17.8775, 44.7555
YIQ	120.7550, 9.6210, 40.4130

Conversions

Conversions Part 2

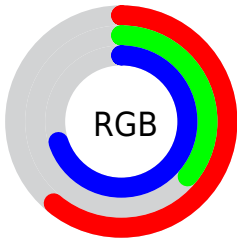
Format	Color
R_{YB}	155, 92, 179
Decimal	10181811
CIE _{Lab}	49.35, 40.73, -36.04
CIE _{LCh}	49, 54.387, 318.500
Yxy	17.8775, 0.2892, 0.2029
Android (android.graphics.Color)	4288371891 (0xFF9B5CB3)
YUV	120.7550, 28.7148, 30.0329
Hunter-Lab	42.2818, 33.5809, -33.1615

Details

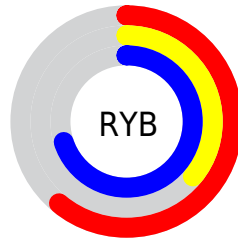
The Hex color **9B5CB3** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **74B35C**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **D390EB**, and **662A7E** is the 20% darker color. If you saturate the color by 10%, you get **964AB3**, and if you desaturate by 10%, it is **A06EB3**.

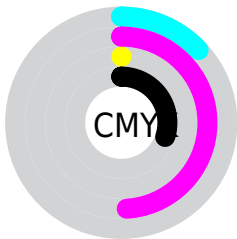
Distribution



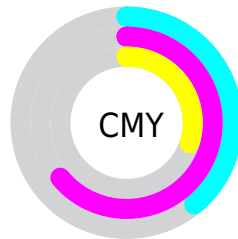
- Red (61%)
- Green (36%)
- Blue (70%)



- Red (61%)
- Yellow (36%)
- Blue (70%)



- Cyan (13%)
- Magenta (49%)
- Yellow (0%)
- Black (30%)



- Cyan (39%)
- Magenta (64%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B5CB3 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 9B5CB3 by changing the saturation by 10% instead.

9B5CB3

9B5CB3

FFFFFF

804398

D390EB

662A7E

F0ABFF

4C1064

FFC7FF

33004C

FFE3FF

1F0035

00021E

000001

000000

9B5CB3

9B5CB3

964AB3

A06EB3

9138B3

A580B3

8C26B3

AA92B3

8714B3

AFA4B3

8203B3

B4B6B3

8200B3

B9C7B3

BED9B3

C3EBB3

C7FDB3

Harmonies

Analogous

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



5171CD



9B5CB3



BF4A89

Triad

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



9B5CB3



9B6D0E



008B91

Complementary

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



9B5CB3



74B35C

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.



008A61



9B5CB3



717C0D

Square

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



9B5CB3



BA5A31



388534



0088BA

Rectangle

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



9B5CB3



C8476A



388534



008B82

Sweetspot

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



9B5CB3



DEC5E8



5C75B3



6F6075



F5F5F5



757575

Same Dimension

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



9B5CB3



C361E8



B35CA0



575059



6F0099



12001A

Inverse Universe

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



B35C74



E86187



5CB36F



595053



99002A



1A0007

Previews

White Background



This preview shows how the Hex color 9B5CB3 looks on a white background.

Color Contrast Check

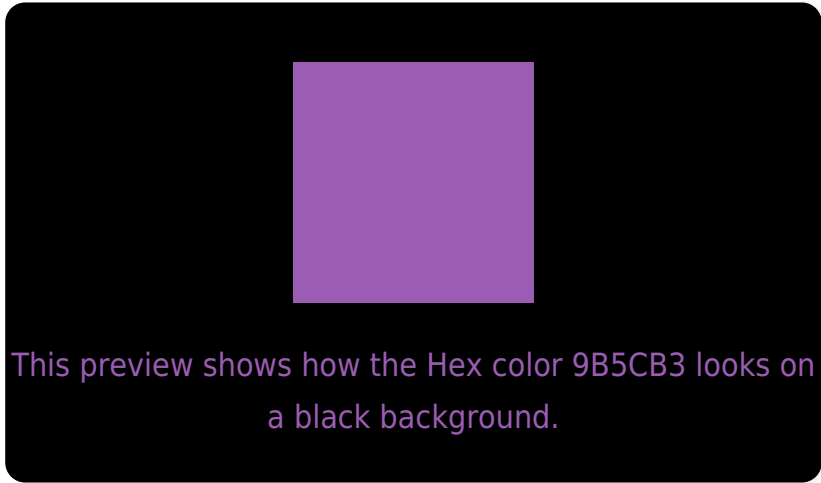
Large Text (above 18pt) WCAG AA ✓ Pass

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

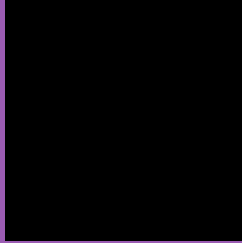
Any Text WCAG AA ✓ Pass

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 9B5CB3 Background



This preview shows how black text looks on a background with the Hex color 9B5CB3.

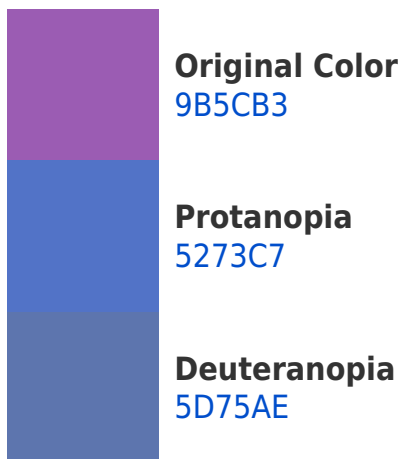



This preview shows how white text looks on a background with the Hex color 9B5CB3.

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](#).

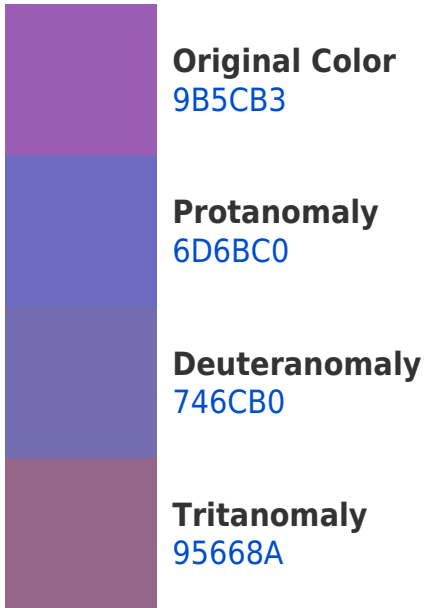
Dichromacy



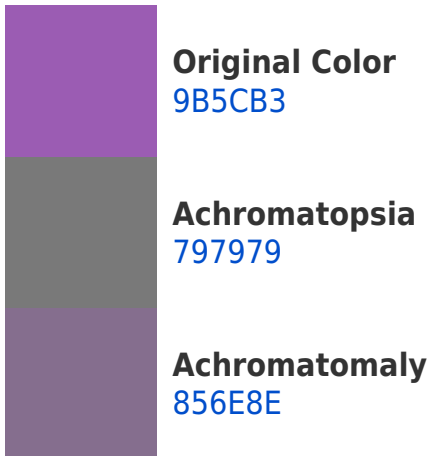


Tritanopia
926B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B5CB3 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 #9B5CB3 looks like.

```
.text, #text, p{  
    color:#9B5CB3  
}
```

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 #9B5CB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B5CB3
}
```

Border

The CSS property to change the border of an element to Hex 9B5CB3 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
#9B5CB3 }
```

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

```
.border{ border-color:#9B5CB3 }
```

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

Here you see how a box with a 4 pixel #9B5CB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B5CB3; -webkit-box-shadow:4px 4px  
4px 4px #9B5CB3; box-shadow:4px 4px 4px  
4px #9B5CB3 }
```

Background

The CSS property to change the background color of an element to Hex 9B5CB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B5CB3 }
```

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

```
.background{ background-color:#9B5CB3 }
```

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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