

Converting Colors

Hex(9B5EBC)

Have a look what the booklet for
Hex(9B5EBC) contains.

Hex(9B5EBC)	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(9B5EBC)

Conversions

Conversions Part 1

Format	Color
Hex	9B5EBC
RGB	155, 94, 188
RGB Percent	61%, 37%, 74%
CMY	0.3922, 0.6314, 0.2627
CMYK	0.18, 0.50, 0.00, 0.26
HSL	279°, 41%, 55%
HSV	279°, 50%, 74%
XYZ	26.5974, 18.6048, 49.7662
YIQ	122.9550, 6.1820, 42.1660

Conversions

Conversions Part 2

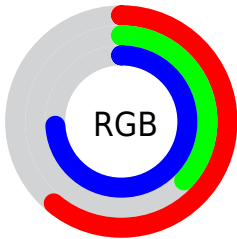
Format	Color
R_{YB}	155, 94, 188
Decimal	10182332
CIE _{Lab}	50.22, 41.60, -39.88
CIE _{LCh}	50, 57.634, 316.209
Yxy	18.6048, 0.2801, 0.1959
Android (android.graphics.Color)	4288372412 (0xFF9B5EBC)
YUV	122.9550, 32.0672, 28.1035
Hunter-Lab	43.1333, 34.5856, -38.2141

Details

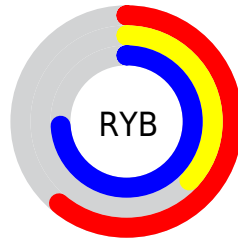
The Hex color **9B5EBC** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **7FBC5E**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **D392F5**, and **652C86** is the 20% darker color. If you saturate the color by 10%, you get **944BBC**, and if you desaturate by 10%, it is **A271BC**.

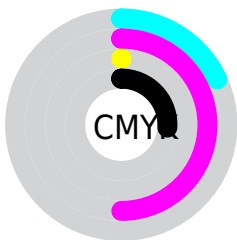
Distribution



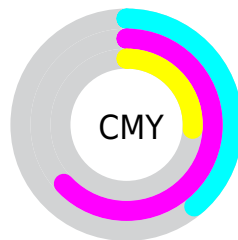
- Red (61%)
- Green (37%)
- Blue (74%)



- Red (61%)
- Yellow (37%)
- Blue (74%)



- Cyan (18%)
- Magenta (50%)
- Yellow (0%)
- Black (26%)



- Cyan (39%)
- Magenta (63%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B5EBC 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 9B5EBC by changing the saturation by 10% instead.

 9B5EBC

 9B5EBC

FFFFFF

 8045A1

 D392F5

 652C86

 F0ADFF

 4B126C

 FFC9FF

 320054

 FFE6FF

 1D003C

 000225

 00010E

 000000

 9B5EBC

 9B5EBC

944BBC

A271BC

8E38BC

A884BC

8726BC

AF96BC

8113BC

B5A9BC

7A00BC

BCBCBC

C3CFBC

C9E2BC

D0F4BC

D6FFBC

Harmonies

Analogous

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



4574D6



9B5EBC



C44A90

Triad

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



9B5EBC



A26D06



008E91

Complementary

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



9B5EBC



7FBC5E

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.



008D5E



9B5EBC



767D00

Square

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



9B5EBC



C25832



3B882E



008CBE

Rectangle

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



9B5EBC



CF456F



3B882E



008E81

Sweetspot

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



9B5EBC



E8D0F5



5E80BC



73647A



FAFAFA



7A7A7A

Same Dimension

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



9B5EBC



C162F5



BC5EAF



5B555E



67009E



14001F

Inverse Universe

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



BC5E7F



F56295



5EBC6B



5E5558



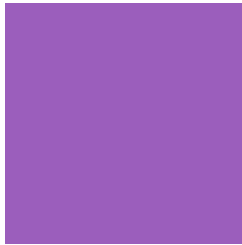
9E0038



1F000B

Previews

White Background



This preview shows how the Hex color 9B5EBC 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

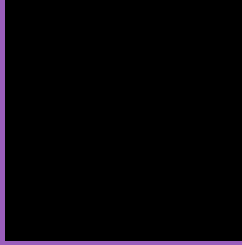
Any Text WCAG AA ✓ Pass

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 9B5EBC Background



This preview shows how black text looks on a background with the Hex color 9B5EBC.

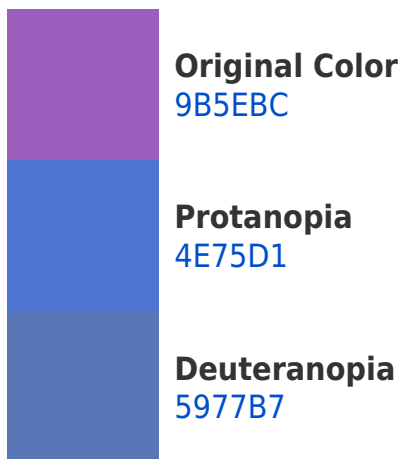


This preview shows how white text looks on a background with the Hex color 9B5EBC.

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
906F77

Trichromacy



Original Color
9B5EBC



Protanomaly
6A6DC9



Deuteranomaly
716EB9



Tritanomaly
946990

Monochromacy



Original Color
9B5EBC



Achromatopsia
7B7B7B



Achromatomaly
877093

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B5EBC 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 #9B5EBC looks like.

```
.text, #text, p{  
    color:#9B5EBC  
}
```

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 #9B5EBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B5EBC
}
```

Border

The CSS property to change the border of an element to Hex 9B5EBC is called "border". The border property can be set on classes, ids or directly on the HTML element.

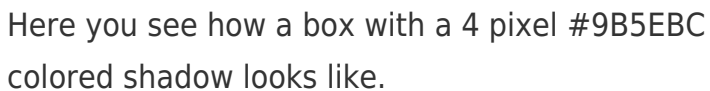
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B5EBC }
```

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

```
.border{ border-color:#9B5EBC }
```

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



Here you see how a box with a 4 pixel #9B5EBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B5EBC; -webkit-box-shadow:4px 4px  
4px 4px #9B5EBC; box-shadow:4px 4px 4px  
4px #9B5EBC }
```

Background

The CSS property to change the background color of an element to Hex 9B5EBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B5EBC }
```

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

```
.background{ background-color:#9B5EBC }
```

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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