

Converting Colors

Hex(9501B3)

Have a look what the booklet for
Hex(9501B3) contains.

Hex(9501B3)	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>	28

Color

Hex(9501B3)

Conversions

Conversions Part 1

Format	Color
Hex	9501B3
RGB	149, 1, 179
RGB Percent	58%, 0%, 70%
CMY	0.4157, 0.9961, 0.2980
CMYK	0.17, 0.99, 0.00, 0.30
HSL	290°, 99%, 35%
HSV	290°, 99%, 70%
XYZ	20.5420, 9.6659, 43.4309
YIQ	65.5440, 31.0700, 86.7340

Conversions

Conversions Part 2

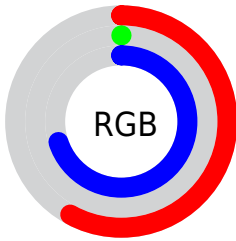
Format	Color
R_{YB}	149, 1, 179
Decimal	9765299
CIE _{Lab}	37.24, 70.59, -55.44
CIE _{LCh}	37, 89.758, 321.857
Yxy	9.6659, 0.2790, 0.1313
Android (android.graphics.Color)	4287955379 (0xFF9501B3)
YUV	65.5440, 55.9338, 73.1909
Hunter-Lab	31.0901, 63.5315, -61.0612

Details

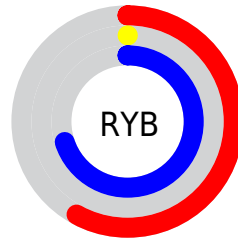
The Hex color **9501B3** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **1FB301**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **CF51EC**, and **5C007D** is the 20% darker color. If you saturate the color by 10%, you get **9500B3**, and if you desaturate by 10%, it is **9813B3**.

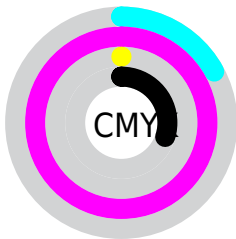
Distribution



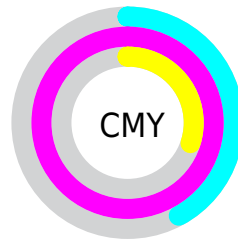
- Red (58%)
- Green (0%)
- Blue (70%)



- Red (58%)
- Yellow (0%)
- Blue (70%)



- Cyan (17%)
- Magenta (99%)
- Yellow (0%)
- Black (30%)



- Cyan (42%)
- Magenta (100%)
- Yellow (30%)
- Black (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9501B3 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 9501B3 by changing the saturation by 10% instead.

 9501B3

 9501B3

FFFFFF

 780098

 CF51EC

 5C007D

 ED6DFF

 400063

 FF8AFF

 25004B

 FFA7FF

 000033

 FFC4FF

 00021D

 FFE1FF

 000000

 9501B3

 9501B3

 9500B3

 9813B3

 9B25B3

 9E37B3

 A149B3

 A45BB3

 A76CB3

 AA7EB3

 AD90B3

 B0A2B3

Harmonies

Analogous

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



004FE2



9501B3



C7006F

Triad

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



9501B3



7C4E00



00728C

Complementary

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



9501B3



1FB301

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.



007141



9501B3



366300

Square

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



9501B3



AE1B00



006D00



0071CB

Rectangle

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



9501B3



CD0040



006D00



007274

Sweetspot

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



9501B3



DCA2E8



0122B3



6E4B75



F5F5F5



757575

Same Dimension

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



9501B3



C100E8



B3017B



585059



7F0099



15001A

Inverse Universe

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



B3011F



E80027



01B339



595052



99001A



1A0004

Previews

White Background



This preview shows how the Hex color 9501B3 looks on a white background.

Color Contrast Check

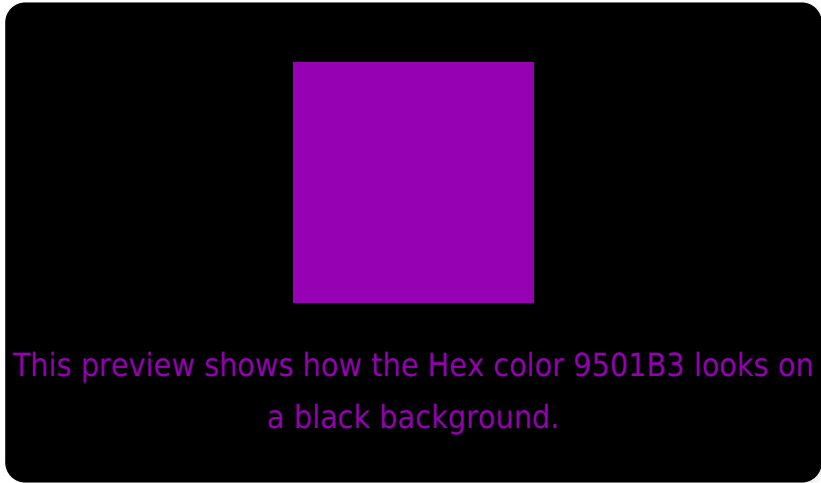
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

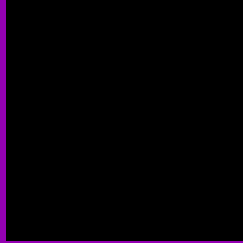
Any Text WCAG AA × Fail

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 9501B3 Background



This preview shows how black text looks on a background with the Hex color 9501B3.

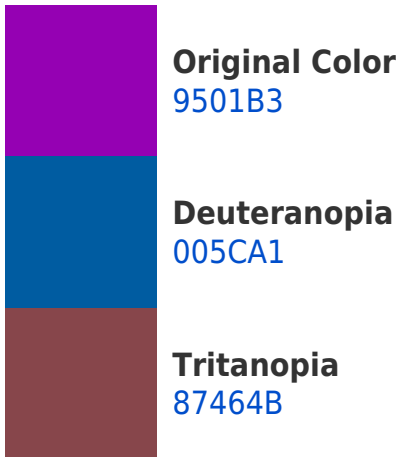


This preview shows how white text looks on a background with the Hex color 9501B3.

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



Trichromacy



Original Color
9501B3

Deuteranomaly
363BA8

Tritanomaly
8C2D71

Monochromacy



Original Color
9501B3

Achromatopsia
424242

Achromatomaly
602A6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 9501B3 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 #9501B3 looks like.

```
.text, #text, p{  
    color:#9501B3  
}
```

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 #9501B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9501B3
}
```

Border

The CSS property to change the border of an element to Hex 9501B3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

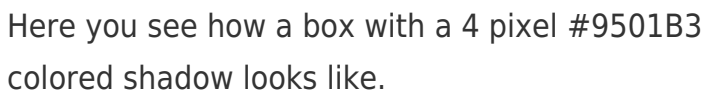
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9501B3 }
```

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

```
.border{ border-color:#9501B3 }
```

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



Here you see how a box with a 4 pixel #9501B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9501B3; -webkit-box-shadow:4px 4px  
4px 4px #9501B3; box-shadow:4px 4px 4px  
4px #9501B3 }
```

Background

The CSS property to change the background color of an element to Hex 9501B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9501B3 }
```

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

```
.background{ background-color:#9501B3 }
```

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