

Converting Colors

Hex(9B00A5)

Have a look what the booklet for
Hex(9B00A5) contains.

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Color

Hex(9B00A5)

Conversions

Conversions Part 1

Format	Color
Hex	9B00A5
RGB	155, 0, 165
RGB Percent	61%, 0%, 65%
CMY	0.3922, 1.0000, 0.3529
CMYK	0.06, 1.00, 0.00, 0.35
HSL	296°, 100%, 32%
HSV	296°, 100%, 65%
XYZ	20.3091, 9.6852, 36.3963
YIQ	65.1550, 39.4150, 84.1750

Conversions

Conversions Part 2

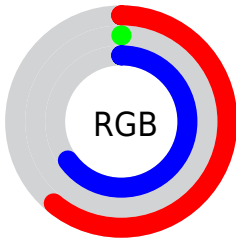
Format	Color
R_{YB}	155, 0, 165
Decimal	10158245
CIE _{Lab}	37.27, 69.30, -46.95
CIE _{LCh}	37, 83.711, 325.881
Yxy	9.6852, 0.3059, 0.1459
Android (android.graphics.Color)	4288348325 (0xFF9B00A5)
YUV	65.1550, 49.2236, 78.7941
Hunter-Lab	31.1210, 62.0246, -47.5555

Details

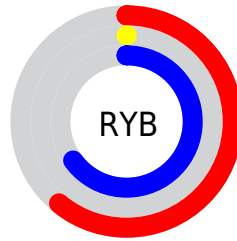
The Hex color **9B00A5** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **0AA500**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **D551DD**, and **630070** is the 20% darker color. If you saturate the color by 10%, you get **9B00A5**, and if you desaturate by 10%, it is **9C10A5**.

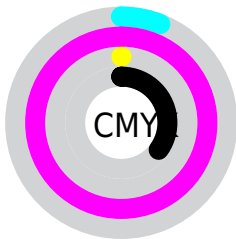
Distribution



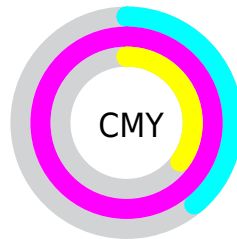
- Red (61%)
- Green (0%)
- Blue (65%)



- Red (61%)
- Yellow (0%)
- Blue (65%)



- Cyan (6%)
- Magenta (100%)
- Yellow (0%)
- Black (35%)



- Cyan (39%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B00A5 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 9B00A5 by changing the saturation by 10% instead.

 9B00A5

 9B00A5

FFFFFF

 7F008A

 D551DD

 630070

 F36EFA

 470057

 FF8AFF

 2D003F

 FFA7FF

 050028

 FFC4FF

 000111

 FFE1FF

 000000

 9B00A5

 9C10A5

 9D21A5

 9E32A5

 9F42A5

 A052A5

 A163A5

 A273A5

 A384A5

 A494A5

Harmonies

Analogous

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



004AD4



9B00A5



C30064

Triad

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



9B00A5



745200



007192

Complementary

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



9B00A5



0AA500

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.



00704C



9B00A5



2F6400

Square

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



9B00A5



A42D00



006D00



006FC9

Rectangle

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



9B00A5



C60038



006D00



00717B

Sweetspot

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



9B00A5



D296D6



000BA5



69456B



EBEBEB



6B6B6B

Same Dimension

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



9B00A5



C900D6



A5005D



514952



890091



110012

Inverse Universe

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



A5000A



D6000D



00A548



52494A



910009



120001

Previews

White Background



This preview shows how the Hex color 9B00A5 looks on a white background.

Color Contrast Check

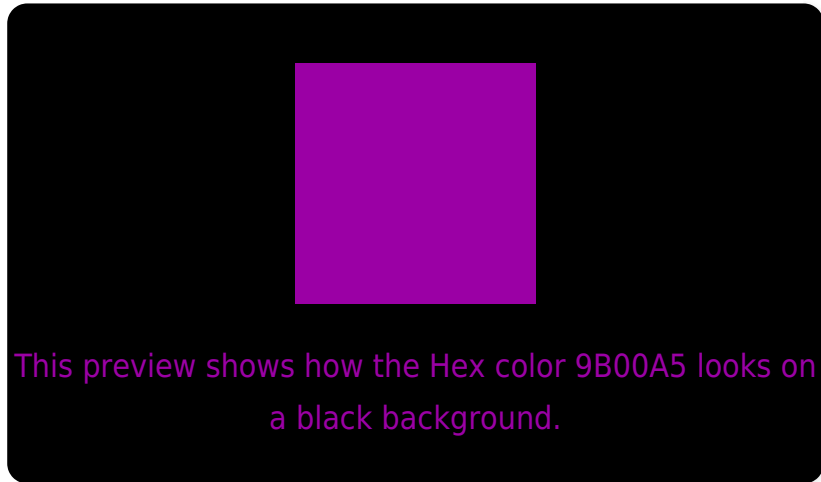
Large Text (above 18pt) WCAG AA ✓ Pass

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

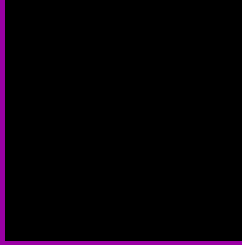
Any Text WCAG AA × Fail

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 9B00A5 Background



This preview shows how black text looks on a background with the Hex color 9B00A5.



This preview shows how white text looks on a background with the Hex color 9B00A5.

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
9B00A5



Protanomaly
3837B1



Deuteranomaly
523A9F



Tritanomaly
942968

Monochromacy



Original Color
9B00A5



Achromatopsia
414141



Achromatomaly
622965

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B00A5 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 #9B00A5 looks like.

```
.text, #text, p{  
    color:#9B00A5  
}
```

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 #9B00A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B00A5
}
```

Border

The CSS property to change the border of an element to Hex 9B00A5 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
#9B00A5 }
```

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

```
.border{ border-color:#9B00A5 }
```

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

Here you see how a box with a 4 pixel #9B00A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B00A5; -webkit-box-shadow:4px 4px  
4px 4px #9B00A5; box-shadow:4px 4px 4px  
4px #9B00A5 }
```

Background

The CSS property to change the background color of an element to Hex 9B00A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B00A5 }
```

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

```
.background{ background-color:#9B00A5 }
```

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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