

# Converting Colors

Hex(9B0085)

Have a look what the booklet for  
Hex(9B0085) contains.

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**Color**

**Hex(9B0085)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B0085
RGB	155, 0, 133
RGB Percent	61%, 0%, 52%
CMY	0.3922, 1.0000, 0.4784
CMYK	0.00, 1.00, 0.14, 0.39
HSL	309°, 100%, 30%
HSV	309°, 100%, 61%
XYZ	17.7512, 8.6620, 22.9266
YIQ	61.5070, 49.6870, 74.2230

# Conversions

## Conversions Part 2

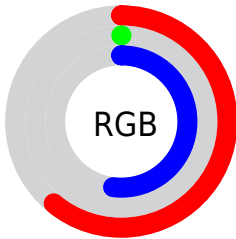
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 0, 133
Decimal	10158213
CIE <sub>Lab</sub>	35.33, 64.57, -30.49
CIE <sub>LCh</sub>	35, 71.411, 334.723
Yxy	8.6620, 0.3598, 0.1756
Android (android.graphics.Color)	4288348293 (0xFF9B0085)
YUV	61.5070, 35.2460, 81.9934
Hunter-Lab	29.4313, 56.1558, -25.5843

# Details

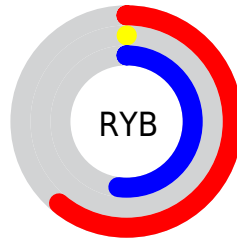
The Hex color **9B0085** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **009B16**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **D54FBB**, and **630053** is the 20% darker color. If you saturate the color by 10%, you get **9B0085**, and if you desaturate by 10%, it is **9B0F87**.

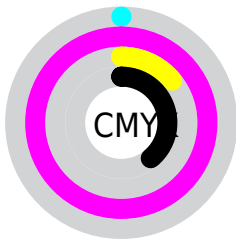
# Distribution



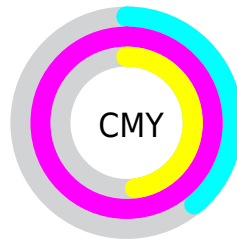
- Red (61%)
- Green (0%)
- Blue (52%)



- Red (61%)
- Yellow (0%)
- Blue (52%)



- Cyan (0%)
- Magenta (100%)
- Yellow (14%)
- Black (39%)



- Cyan (39%)
- Magenta (100%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B0085 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 9B0085 by changing the saturation by 10% instead.



 9B0085

 9B0085

FFFFFF

 7F006B

 D54FBB

 630053

 F36BD6

 48003B

 FF87F3

 2E0025

 FFA4FF

 00000D

 FFC1FF

 000000

 FFDEFF

 FFFCFF

 9B0085

 9B0F87

 9B1F89

 9B2F8C

 9B3E8E

 9B4E90

 9B5D92

 9B6C94

 9B7C97

 9B8B99

# Harmonies

## Analogous

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



563EB3



9B0085



B2004D

# Triad

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



9B0085



5E5400



006A94

# Complementary

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



9B0085



009B16

# 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.



00695B



9B0085



1B6100

# Square

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



9B0085



8B3C00



00671D



0066BC

# Rectangle

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



9B0085



AF0028



00671D



006A82



# Sweetspot

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



9B0085



C98DC1



15009B



664161



E6E6E6



666666



# Same Dimension

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



9B0085



C900AD



9B0039



4D454B



8C0078



0D000B



# Inverse Universe

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



9B0085



C900AD



009B62



4D454B



8C0078



0D000B



# Previews

## White Background



This preview shows how the Hex color 9B0085 looks on a white background.

## Color Contrast Check

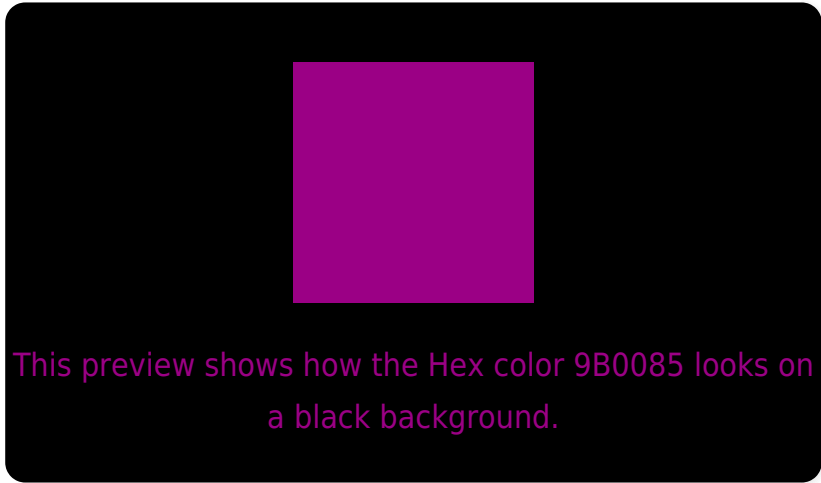
Large Text (above 18pt) WCAG AA ✓ Pass

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

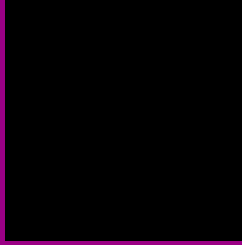
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9B0085 Background



This preview shows how black text looks on a background with the Hex color 9B0085.




This preview shows how white text looks on a background with the Hex color 9B0085.

# 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**  
943437

# Trichromacy



**Original Color**  
9B0085



**Protanomaly**  
3835A0



**Deuteranomaly**  
653680



**Tritanomaly**  
972153

# Monochromacy



**Original Color**  
9B0085



**Achromatopsia**  
3E3E3E



**Achromatomaly**  
602758

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B0085 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 #9B0085 looks like.

```
.text, #text, p{  
    color:#9B0085  
}
```

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 #9B0085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B0085
}
```

## Border

The CSS property to change the border of an element to Hex 9B0085 is called "border". The border property can be set on classes, ids or directly on the HTML element.

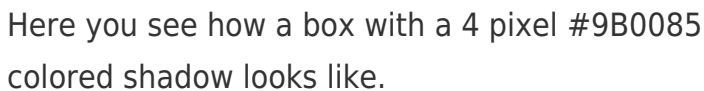
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B0085 }
```

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

```
.border{ border-color:#9B0085 }
```

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



Here you see how a box with a 4 pixel #9B0085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B0085; -webkit-box-shadow:4px 4px  
4px 4px #9B0085; box-shadow:4px 4px 4px  
4px #9B0085 }
```

# Background

The CSS property to change the background color of an element to Hex 9B0085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B0085 }
```

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

```
.background{ background-color:#9B0085 }
```

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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