

# Converting Colors

Hex(9B0F86)

Have a look what the booklet for  
Hex(9B0F86) contains.

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**Color**

**Hex(9B0F86)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B0F86
RGB	155, 15, 134
RGB Percent	61%, 6%, 53%
CMY	0.3922, 0.9412, 0.4745
CMYK	0.00, 0.90, 0.14, 0.39
HSL	309°, 82%, 33%
HSV	309°, 90%, 61%
XYZ	17.9915, 9.0314, 23.3492
YIQ	70.4260, 45.2410, 66.6890

# Conversions

## Conversions Part 2

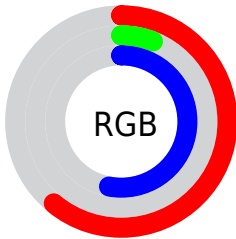
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 15, 134
Decimal	10162054
CIELab	36.04, 62.76, -29.98
CIELCh	36, 69.548, 334.466
Yxy	9.0314, 0.3572, 0.1793
Android (android.graphics.Color)	4288352134 (0xFF9B0F86)
YUV	70.4260, 31.3420, 74.1714
Hunter-Lab	30.0524, 54.2711, -25.0288

# Details

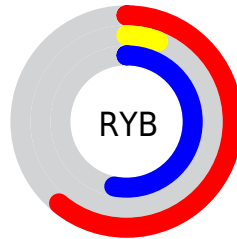
The Hex color **9B0F86** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **0F9B24**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **D553BC**, and **630054** is the 20% darker color. If you saturate the color by 10%, you get **9B0084**, and if you desaturate by 10%, it is **9B1F88**.

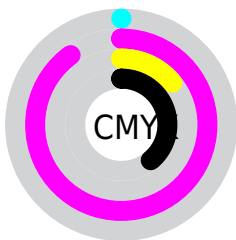
# Distribution



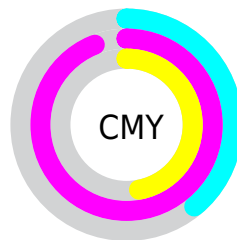
- Red (61%)
- Green (6%)
- Blue (53%)



- Red (61%)
- Yellow (6%)
- Blue (53%)



- Cyan (0%)
- Magenta (90%)
- Yellow (14%)
- Black (39%)



- Cyan (39%)
- Magenta (94%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B0F86 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 9B0F86 by changing the saturation by 10% instead.



 9B0F86

 9B0F86

FFFFFF

 7F006C

 D553BC

 630054

 F36FD8

 48003C

 FF8CF4

 2F0026

 FFA8FF

 00000E

 FFC5FF

 000000

 FFE2FF

 9B0F86

 9B0F86

 9B0084

 9B1F88

 9B2E8B

 9B3E8D

 9B4D8F

 9B5D92

 9B6C94

 9B7C96

 9B8B99

 9B9B9B

# Harmonies

## Analogous

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



5841B2



9B0F86



B2004F

# Triad

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



9B0F86



615600



006B93

# Complementary

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



9B0F86



0F9B24

# 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.



006B5C



9B0F86



216200

# Square

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



9B0F86



8D3E00



00681F



0067BB

# Rectangle

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



9B0F86



B0002B



00681F



006B82



# Sweetspot

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



9B0F86



C993C1



240F9B



664561



E6E6E6



666666



# Same Dimension

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



9B0F86



C900AB



9B0F40



4D454B



8C0077



0D000B



# Inverse Universe

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



9B0F86



C900AB



0F9B6A



4D454B



8C0077



0D000B



# Previews

## White Background



This preview shows how the Hex color 9B0F86 looks on a white background.

## Color Contrast Check

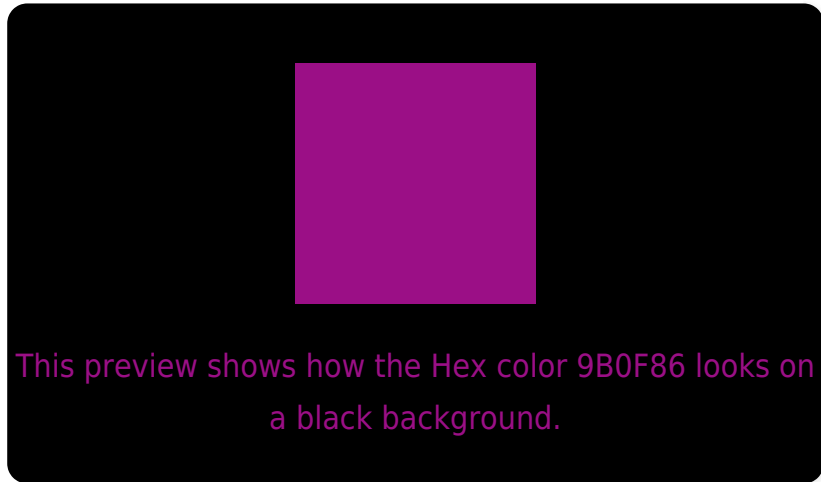
Large Text (above 18pt) WCAG AA ✓ Pass

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

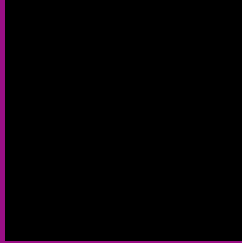
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9B0F86 Background



This preview shows how black text looks on a background with the Hex color 9B0F86.

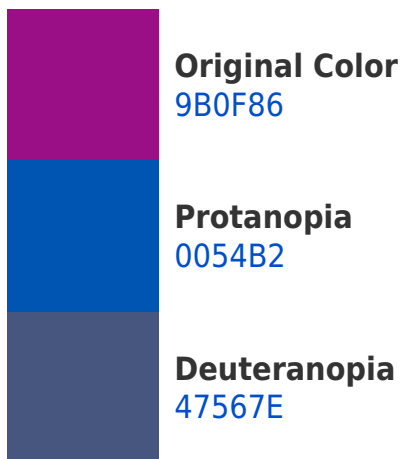



This preview shows how white text looks on a background with the Hex color 9B0F86.

# 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**  
943639

# Trichromacy



**Original Color**  
9B0F86



**Protanomaly**  
383BA2



**Deuteranomaly**  
663C81



**Tritanomaly**  
972855

# Monochromacy



**Original Color**  
9B0F86



**Achromatopsia**  
464646



**Achromatomaly**  
65325D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B0F86 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 #9B0F86 looks like.

```
.text, #text, p{  
    color:#9B0F86  
}
```

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 #9B0F86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B0F86
}
```

## Border

The CSS property to change the border of an element to Hex 9B0F86 is called "border". The border property can be set on classes, ids or directly on the HTML element.

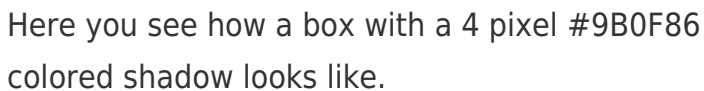
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B0F86 }
```

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

```
.border{ border-color:#9B0F86 }
```

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



Here you see how a box with a 4 pixel #9B0F86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B0F86; -webkit-box-shadow:4px 4px  
4px 4px #9B0F86; box-shadow:4px 4px 4px  
4px #9B0F86 }
```

# Background

The CSS property to change the background color of an element to Hex 9B0F86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B0F86 }
```

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

```
.background{ background-color:#9B0F86 }
```

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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