

# Converting Colors

Hex(9D0082)

Have a look what the booklet for  
Hex(9D0082) contains.

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# Color

**Hex(9D0082)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D0082
RGB	157, 0, 130
RGB Percent	62%, 0%, 51%
CMY	0.3843, 1.0000, 0.4902
CMYK	0.00, 1.00, 0.17, 0.38
HSL	310°, 100%, 31%
HSV	310°, 100%, 62%
XYZ	17.9339, 8.7798, 21.8685
YIQ	61.7630, 51.8420, 73.7140

# Conversions

## Conversions Part 2

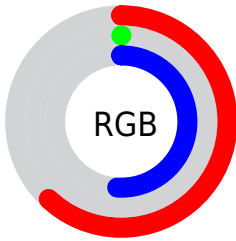
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 0, 130
Decimal	10289282
CIELab	35.56, 64.55, -28.23
CIElCh	36, 70.457, 336.376
Yxy	8.7798, 0.3691, 0.1807
Android (android.graphics.Color)	4288479362 (0xFF9D0082)
YUV	61.7630, 33.6408, 83.5228
Hunter-Lab	29.6307, 56.1827, -23.0166

# Details

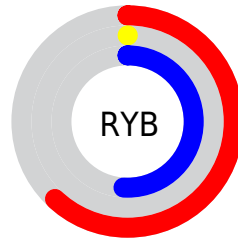
The Hex color **9D0082** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **009D1B**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **D74FB7**, and **650050** is the 20% darker color. If you saturate the color by 10%, you get **9D0082**, and if you desaturate by 10%, it is **9D1085**.

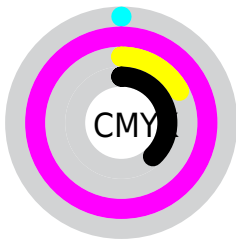
# Distribution



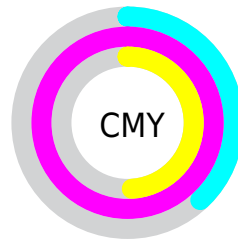
- Red (62%)
- Green (0%)
- Blue (51%)



- Red (62%)
- Yellow (0%)
- Blue (51%)



- Cyan (0%)
- Magenta (100%)
- Yellow (17%)
- Black (38%)



- Cyan (38%)
- Magenta (100%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D0082 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 9D0082 by changing the saturation by 10% instead.



 9D0082

 9D0082

FFFFFF

 810069

 D74FB7

 650050

 F56BD3

 4A0039

 FF88F0

 300023

 FFA4FF

 020008

 FFC1FF

 000000

 FFDEFF

 FFFCFF

 9D0082

 9D1085

 9D1F87

 9D2F8A

 9D3F8D

 9D4F90

 9D5E92

 9D6E95

 9D7E98

 9D8D9A

# Harmonies

## Analogous

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



5D3DB0



9D0082



B2004A

# Triad

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



9D0082



5C5600



006A96

# Complementary

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



9D0082



009D1B

# 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.



006A5F



9D0082



166200

# Square

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



9D0082



8A3F00



006822



0065BC

# Rectangle

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



9D0082



AE0026



006822



006A85



# Sweetspot

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



9D0082



CC8FC1



1A009D



664160



E6E6E6



666666



# Same Dimension

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



9D0082



CC00A9



9D0034



4F474E



8F0076



0F000D



# Inverse Universe

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



9D0082



CC00A9



009D69



4F474E



8F0076



0F000D



# Previews

## White Background



This preview shows how the Hex color 9D0082 looks on a white background.

## Color Contrast Check

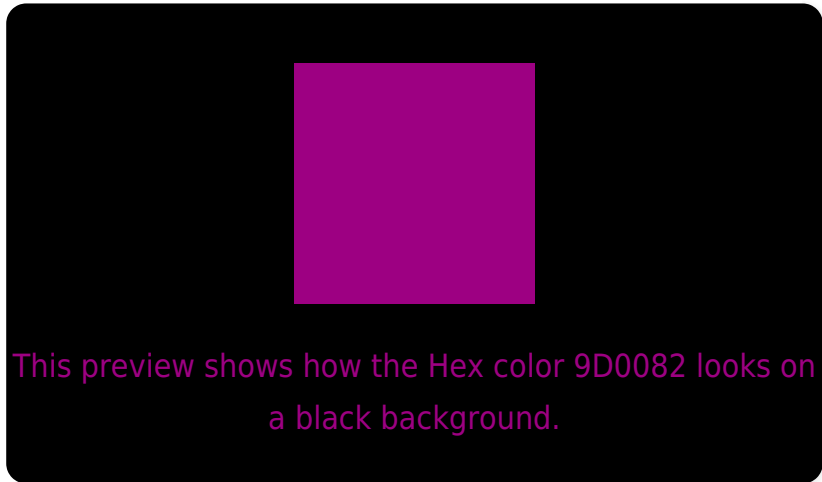
Large Text (above 18pt) WCAG AA ✓ Pass

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

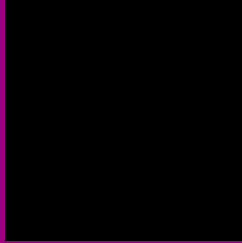
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9D0082 Background



This preview shows how black text looks on a background with the Hex color 9D0082.




This preview shows how white text looks on a background with the Hex color 9D0082.

# 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**  
963336

# Trichromacy



**Original Color**  
9D0082



**Protanomaly**  
3935A0



**Deuteranomaly**  
68377D



**Tritanomaly**  
992052

# Monochromacy



**Original Color**  
9D0082



**Achromatopsia**  
3E3E3E



**Achromatomaly**  
612757

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D0082 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 #9D0082 looks like.

```
.text, #text, p{  
    color:#9D0082  
}
```

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 #9D0082 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D0082
}
```

## Border

The CSS property to change the border of an element to Hex 9D0082 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
#9D0082 }
```

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

```
.border{ border-color:#9D0082 }
```

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

Here you see how a box with a 4 pixel #9D0082 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D0082; -webkit-box-shadow:4px 4px  
4px 4px #9D0082; box-shadow:4px 4px 4px  
4px #9D0082 }
```

# Background

The CSS property to change the background color of an element to Hex 9D0082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D0082 }
```

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

```
.background{ background-color:#9D0082 }
```

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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