

# Converting Colors

Hex(9F0082)

Have a look what the booklet for  
Hex(9F0082) contains.

<b>Hex(9F0082)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(9F0082)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F0082
RGB	159, 0, 130
RGB Percent	62%, 0%, 51%
CMY	0.3765, 1.0000, 0.4902
CMYK	0.00, 1.00, 0.18, 0.38
HSL	311°, 100%, 31%
HSV	311°, 100%, 62%
XYZ	18.3273, 8.9826, 21.8870
YIQ	62.3610, 53.0340, 74.1380

# Conversions

## Conversions Part 2

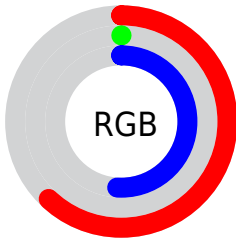
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 0, 130
Decimal	10420354
CIE <sub>Lab</sub>	35.95, 64.94, -27.59
CIE <sub>LCh</sub>	36, 70.553, 336.982
Yxy	8.9826, 0.3725, 0.1826
Android (android.graphics.Color)	4288610434 (0xFF9F0082)
YUV	62.3610, 33.3460, 84.7524
Hunter-Lab	29.9710, 56.7037, -22.3180

# Details

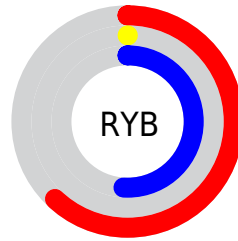
The Hex color **9F0082** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **009F1D**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **D94FB7**, and **670050** is the 20% darker color. If you saturate the color by 10%, you get **9F0082**, and if you desaturate by 10%, it is **9F1085**.

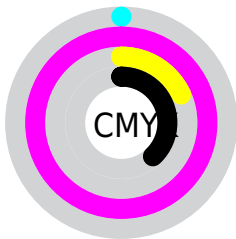
# Distribution



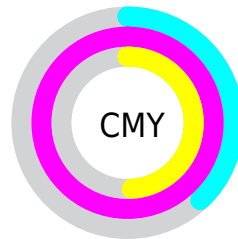
- Red (62%)
- Green (0%)
- Blue (51%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (18%)
- Black (38%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F0082 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 9F0082 by changing the saturation by 10% instead.



 9F0082

 9F0082

FFFFFF

 830069

 D94FB7

 670050

 F76CD3

 4B0039

 FF88F0

 320023

 FFA5FF

 080008

 FFC2FF

 000000


 FFDFFF

 FFFDFF

 9F0082

 9F1085

 9F2088

 9F308B

 9F408E

 9F5091

 9F5F93

 9F6F96

 9F7F99

 9F8F9C

# Harmonies

## Analogous

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



603DB0



9F0082



B3004A

# Triad

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



9F0082



5C5700



006B98

# Complementary

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



9F0082



009F1D

# 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.



006B61



9F0082



156300

# Square

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



9F0082



8A4000



006924



0066BE

# Rectangle

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



9F0082



AF0026



006924



006B87



# Sweetspot

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



9F0082



CF91C3



1A009F



694362



E8E8E8



696969



# Same Dimension

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



9F0082



CF00A9



9F0035



4F474E



8F0075



0F000D



# Inverse Universe

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



9F0082



CF00A9



009F6A



4F474E



8F0075



0F000D



# Previews

## White Background



This preview shows how the Hex color 9F0082 looks on a white background.

## Color Contrast Check

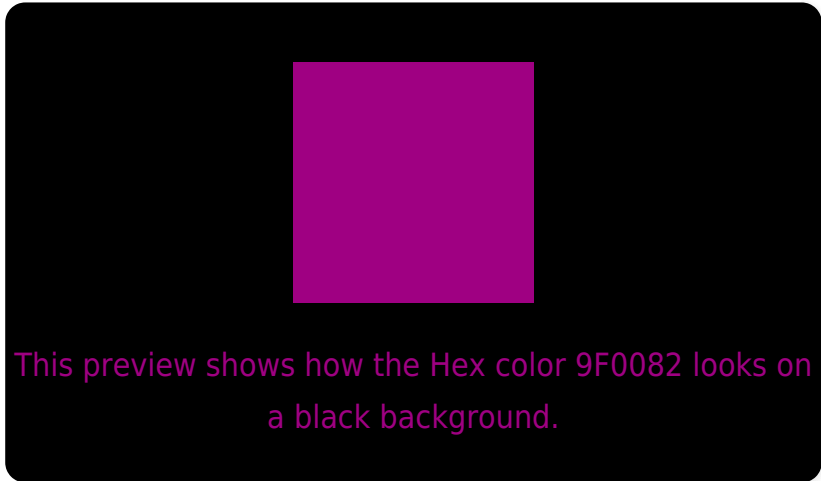
Large Text (above 18pt) WCAG AA ✓ Pass

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

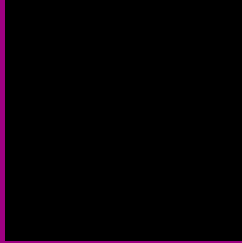
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9F0082 Background



This preview shows how black text looks on a background with the Hex color 9F0082.




This preview shows how white text looks on a background with the Hex color 9F0082.

# 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**  
993336

# Trichromacy



**Original Color**  
9F0082



**Protanomaly**  
3A35A1



**Deuteranomaly**  
6A377D



**Tritanomaly**  
9B2052

# Monochromacy



**Original Color**  
9F0082



**Achromatopsia**  
3E3E3E



**Achromatomaly**  
612757

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F0082 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 #9F0082 looks like.

```
.text, #text, p{  
    color:#9F0082  
}
```

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 #9F0082 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F0082
}
```

## Border

The CSS property to change the border of an element to Hex 9F0082 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
#9F0082 }
```

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

```
.border{ border-color:#9F0082 }
```

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

Here you see how a box with a 4 pixel #9F0082 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F0082; -webkit-box-shadow:4px 4px  
4px 4px #9F0082; box-shadow:4px 4px 4px  
4px #9F0082 }
```

# Background

The CSS property to change the background color of an element to Hex 9F0082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F0082 }
```

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

```
.background{ background-color:#9F0082 }
```

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