

# Converting Colors

Hex(9A0350)

Have a look what the booklet for  
Hex(9A0350) contains.

<b>Hex(9A0350)</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(9A0350)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A0350
RGB	154, 3, 80
RGB Percent	60%, 1%, 31%
CMY	0.3961, 0.9882, 0.6863
CMYK	0.00, 0.98, 0.48, 0.40
HSL	329°, 96%, 31%
HSV	329°, 98%, 60%
XYZ	14.8070, 7.5143, 8.2594
YIQ	56.9270, 65.2790, 55.9590

# Conversions

## Conversions Part 2

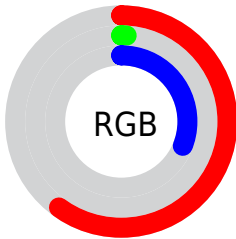
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 3, 80
Decimal	10093392
CIELab	32.95, 58.04, -0.27
CIELCh	33, 58.045, 359.738
Yxy	7.5143, 0.4842, 0.2457
Android (android.graphics.Color)	4288283472 (0xFF9A0350)
YUV	56.9270, 11.3750, 85.1330
Hunter-Lab	27.4123, 48.4466, 1.3243

# Details

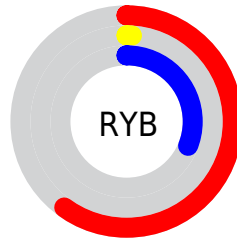
The Hex color **9A0350** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **039A4D**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **D54C81**, and **600024** is the 20% darker color. If you saturate the color by 10%, you get **9A004F**, and if you desaturate by 10%, it is **9A1258**.

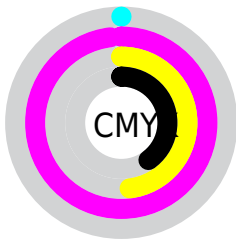
# Distribution



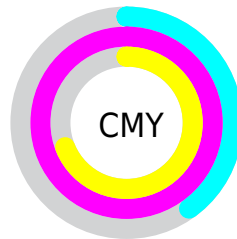
- Red (60%)
- Green (1%)
- Blue (31%)



- Red (60%)
- Yellow (1%)
- Blue (31%)



- Cyan (0%)
- Magenta (98%)
- Yellow (48%)
- Black (40%)



- Cyan (40%)
- Magenta (99%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A0350 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 9A0350 by changing the saturation by 10% instead.



 9A0350

 9A0350

FFFFFF

 7D0039

 D54C81

 600024

 F4699B

 45000E

 FF84B6

 290001

 FFA1D1

 000000

 FFBDED

 FFDAFF

 FFF8FF

 9A0350

 9A0350

■ 9A004F

■ 9A1258

■ 9A225F

■ 9A3167

■ 9A416E

■ 9A5076

■ 9A5F7D

■ 9A6F85

■ 9A7E8C

■ 9A8E94

# Harmonies

## Analogous

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



82247D



9A0350



981A23

# Triad

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



9A0350



315800



005D9D

# Complementary

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



9A0350



039A4D

# 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.



00617A



9A0350



005E1A

# Square

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



9A0350



604C00



00604C



0054AA

# Rectangle

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



9A0350



8B2F01



00604C



005F93



# Sweetspot

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



9A0350



C98FAD



4C039A



664255



E6E6E6



666666



# Same Dimension

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



9A0350



C90067



9A0306



4D4549



8C0048



0D0007



# Inverse Universe

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



9A0350



C90067



039A97



4D4549



8C0048



0D0007



# Previews

## White Background



This preview shows how the Hex color 9A0350 looks on a white background.

## Color Contrast Check

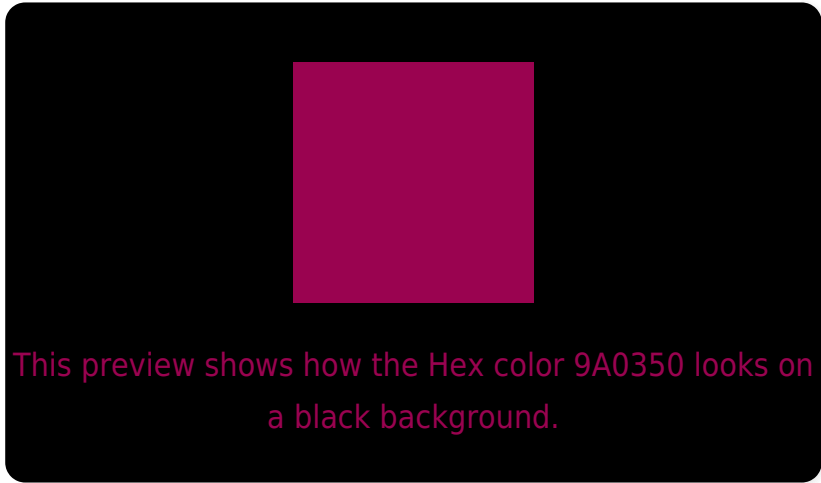
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A0350 Background



This preview shows how black text looks on a background with the Hex color 9A0350.



This preview shows how white text looks on a background with the Hex color 9A0350.

# 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



**Original Color**  
9A0350

**Protanopia**  
454F73

**Deuteranopia**  
5B4D4A



# Trichromacy



**Original Color**  
9A0350

**Protanomaly**  
643366

**Deuteranomaly**  
72324C

**Tritanomaly**  
991531

# Monochromacy



**Original Color**  
9A0350

**Achromatopsia**  
393939

**Achromatomaly**  
5C2541

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A0350 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 #9A0350 looks like.

```
.text, #text, p{  
    color:#9A0350  
}
```

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 #9A0350 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A0350
}
```

## Border

The CSS property to change the border of an element to Hex 9A0350 is called "border". The border property can be set on classes, ids or directly on the HTML element.

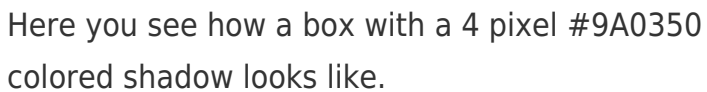
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A0350 }
```

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

```
.border{ border-color:#9A0350 }
```

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



Here you see how a box with a 4 pixel #9A0350 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A0350; -webkit-box-shadow:4px 4px  
4px 4px #9A0350; box-shadow:4px 4px 4px  
4px #9A0350 }
```

# Background

The CSS property to change the background color of an element to Hex 9A0350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A0350 }
```

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

```
.background{ background-color:#9A0350 }
```

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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