

# Converting Colors

Hex(9A0944)

Have a look what the booklet for  
Hex(9A0944) contains.

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# Color

**Hex(9A0944)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A0944
RGB	154, 9, 68
RGB Percent	60%, 4%, 27%
CMY	0.3961, 0.9647, 0.7333
CMYK	0.00, 0.94, 0.56, 0.40
HSL	336°, 89%, 32%
HSV	336°, 94%, 60%
XYZ	14.4675, 7.4828, 6.1506
YIQ	59.0810, 67.4810, 49.0890

# Conversions

## Conversions Part 2

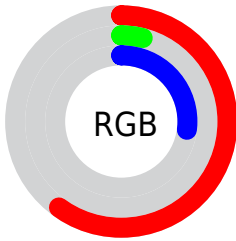
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	154, 9, 68
Decimal	10094916
CIE <sub>Lab</sub>	32.88, 56.27, 7.54
CIE <sub>LCh</sub>	33, 56.772, 7.632
Yxy	7.4828, 0.5148, 0.2663
Android (android.graphics.Color)	4288284996 (0xFF9A0944)
YUV	59.0810, 4.3971, 83.2440
Hunter-Lab	27.3546, 46.5357, 5.8170

# Details

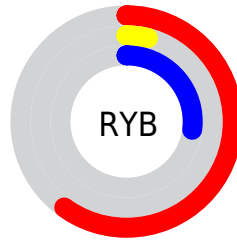
The Hex color **9A0944** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **099A5F**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **D64E74**, and **60001A** is the 20% darker color. If you saturate the color by 10%, you get **9A003F**, and if you desaturate by 10%, it is **9A184D**.

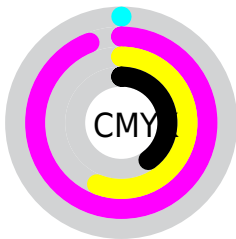
# Distribution



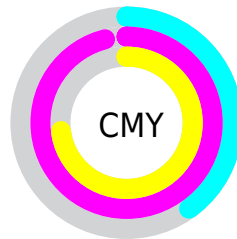
- Red (60%)
- Green (4%)
- Blue (27%)



- Red (60%)
- Yellow (4%)
- Blue (27%)



- Cyan (0%)
- Magenta (94%)
- Yellow (56%)
- Black (40%)



- Cyan (40%)
- Magenta (96%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A0944 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 9A0944 by changing the saturation by 10% instead.



 9A0944

 9A0944

FFFFFF

 7D002E

 D64E74

 60001A

 F46A8D

 450001

 FF85A8

 270001

 FFA1C3

 000000

 FFBEDF

 FFDBFB

 FFF8FF

 9A0944

 9A0944

■ 9A003F

■ 9A184D

■ 9A2856

■ 9A375F

■ 9A4769

■ 9A5672

■ 9A657B

■ 9A7584

■ 9A848D

■ 9A9496

# Harmonies

## Analogous

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



8A1E70



9A0944



922418

# Triad

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



9A0944



215900



005BA1

# Complementary

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



9A0944



099A5F

# 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.



006083



9A0944



005E29

# Square

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



9A0944



554F00



006058



0050A7

# Rectangle

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



9A0944



833600



006058



005D99



# Sweetspot

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



9A0944



C991A8



5E099A



664351



E6E6E6



666666



# Same Dimension

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



9A0944



C90052



9A1509



4D4548



8C0039



0D0005



# Inverse Universe

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



9A0944



C90052



098E9A



4D4548



8C0039



0D0005



# Previews

## White Background



This preview shows how the Hex color 9A0944 looks on a white background.

## Color Contrast Check

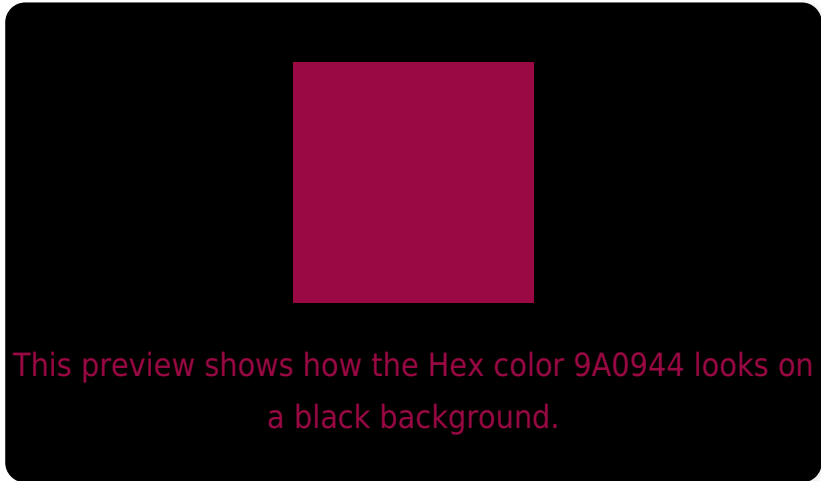
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A0944 Background



This preview shows how black text looks on a background with the Hex color 9A0944.



This preview shows how white text looks on a background with the Hex color 9A0944.

# 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**  
9A0944

**Protanopia**  
4B4F62

**Deuteranopia**  
5D4D3E



**Tritanopia**  
981C1B

# Trichromacy



**Original Color**  
9A0944

**Protanomaly**  
683657

**Deuteranomaly**  
733440

**Tritanomaly**  
99152A

# Monochromacy



**Original Color**  
9A0944

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
5E293E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A0944 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 #9A0944 looks like.

```
.text, #text, p{  
    color:#9A0944  
}
```

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 #9A0944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A0944
}
```

## Border

The CSS property to change the border of an element to Hex 9A0944 is called "border". The border property can be set on classes, ids or directly on the HTML element.

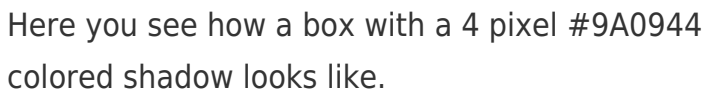
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A0944 }
```

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

```
.border{ border-color:#9A0944 }
```

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



Here you see how a box with a 4 pixel #9A0944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A0944; -webkit-box-shadow:4px 4px  
4px 4px #9A0944; box-shadow:4px 4px 4px  
4px #9A0944 }
```

# Background

The CSS property to change the background color of an element to Hex 9A0944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A0944 }
```

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

```
.background{ background-color:#9A0944 }
```

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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