

# Converting Colors

Hex(9B092A)

Have a look what the booklet for  
Hex(9B092A) contains.

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# Color

**Hex(9B092A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B092A
RGB	155, 9, 42
RGB Percent	61%, 4%, 16%
CMY	0.3922, 0.9647, 0.8353
CMYK	0.00, 0.94, 0.73, 0.39
HSL	346°, 89%, 32%
HSV	346°, 94%, 61%
XYZ	14.0332, 7.3311, 2.8659
YIQ	56.4160, 76.4230, 41.2150

# Conversions

## Conversions Part 2

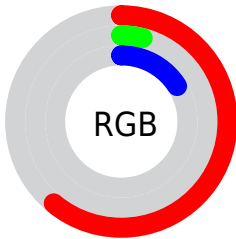
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 9, 42
Decimal	10160426
CIE Lab	32.55, 55.00, 24.21
CIE LCh	33, 60.097, 23.759
Yxy	7.3311, 0.5792, 0.3026
Android (android.graphics.Color)	4288350506 (0xFF9B092A)
YUV	56.4160, -7.1071, 86.4582
Hunter-Lab	27.0760, 45.1314, 12.6776

# Details

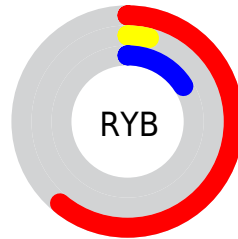
The Hex color **9B092A** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **099B7A**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **D84D57**, and **600000** is the 20% darker color. If you saturate the color by 10%, you get **9B0023**, and if you desaturate by 10%, it is **9B1836**.

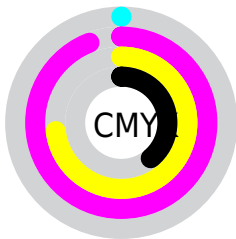
# Distribution



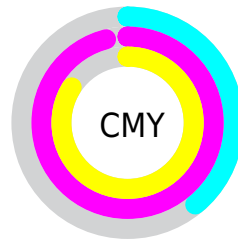
- Red (61%)
- Green (4%)
- Blue (16%)



- Red (61%)
- Yellow (4%)
- Blue (16%)



- Cyan (0%)
- Magenta (94%)
- Yellow (73%)
- Black (39%)



- Cyan (39%)
- Magenta (96%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B092A 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 9B092A by changing the saturation by 10% instead.





9B092A



9B092A

FFFFFF



7D0016



D84D57



600000



F7696F



430002



FF8589



250001



FFA1A3



000000



FFBDBE



FFDADA



FFF7F6



9B092A



9B092A

■ 9B0023

■ 9B1836

■ 9B2842

■ 9B374E

■ 9B475A

■ 9B5666

■ 9B6672

■ 9B757E

■ 9B858A

■ 9B9496

# Harmonies

## Analogous

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



990059



9B092A



883000

# Triad

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



9B092A



005C0A



0056AC

# Complementary

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



9B092A



099B7A

# 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.



005E99



9B092A



005F41

# Square

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



9B092A



3B5500



006072



2645A5

# Rectangle

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



9B092A



734100



006072



0059A9



# Sweetspot

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



9B092A



C9919E



79099B



66434B



E6E6E6



666666



# Same Dimension

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



9B092A



C9002E



9B3009



4D4547



8C0020



0D0003



# Inverse Universe

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



9B092A



C9002E



09749B



4D4547



8C0020

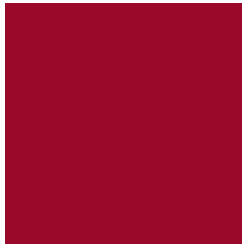


0D0003



# Previews

## White Background



This preview shows how the Hex color 9B092A looks on a white background.

## Color Contrast Check

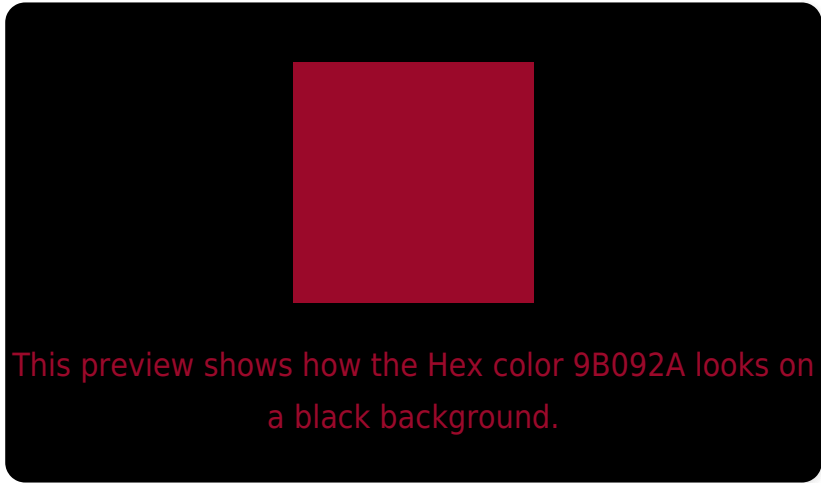
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B092A Background



This preview shows how black text looks on a background with the Hex color 9B092A.



This preview shows how white text looks on a background with the Hex color 9B092A.

# 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**  
9B092A

**Protanopia**  
544F3F

**Deuteranopia**  
624B22



**Tritanopia**  
9A130F

# Trichromacy



**Original Color**  
9B092A

**Protanomaly**  
6E3637

**Deuteranomaly**  
773325

**Tritanomaly**  
9A0F19

# Monochromacy



**Original Color**  
9B092A

**Achromatopsia**  
383838

**Achromatomaly**  
5C2733

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B092A 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 #9B092A looks like.

```
.text, #text, p{  
    color:#9B092A  
}
```

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 #9B092A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B092A
}
```

## Border

The CSS property to change the border of an element to Hex 9B092A is called "border". The border property can be set on classes, ids or directly on the HTML element.

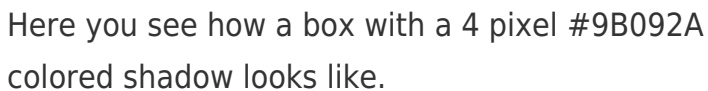
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B092A }
```

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

```
.border{ border-color:#9B092A }
```

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



Here you see how a box with a 4 pixel #9B092A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B092A; -webkit-box-shadow:4px 4px  
4px 4px #9B092A; box-shadow:4px 4px 4px  
4px #9B092A }
```

# Background

The CSS property to change the background color of an element to Hex 9B092A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B092A }
```

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

```
.background{ background-color:#9B092A }
```

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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