

# Converting Colors

Hex(9B2076)

Have a look what the booklet for  
Hex(9B2076) contains.

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**Color**

**Hex(9B2076)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B2076
RGB	155, 32, 118
RGB Percent	61%, 13%, 46%
CMY	0.3922, 0.8745, 0.5373
CMYK	0.00, 0.79, 0.24, 0.39
HSL	318°, 66%, 37%
HSV	318°, 79%, 61%
XYZ	17.3041, 9.3096, 18.0244
YIQ	78.5810, 45.7020, 52.8220

# Conversions

## Conversions Part 2

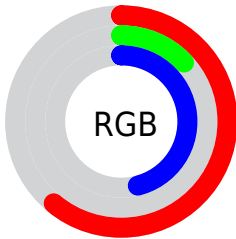
Format	Color
R <sub>Y</sub> B	155, 32, 118
Decimal	10166390
CIE Lab	36.57, 56.77, -19.17
CIE LCh	37, 59.922, 341.341
Yxy	9.3096, 0.3877, 0.2086
Android (android.graphics.Color)	4288356470 (0xFF9B2076)
YUV	78.5810, 19.4336, 67.0195
Hunter-Lab	30.5116, 47.8376, -13.6669

# Details

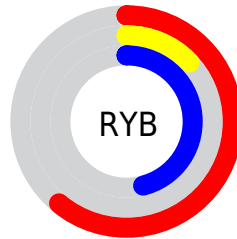
The Hex color **9B2076** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **209B45**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **D55BAA**, and **630045** is the 20% darker color. If you saturate the color by 10%, you get **9B1071**, and if you desaturate by 10%, it is **9B2F7B**.

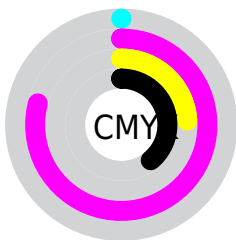
# Distribution



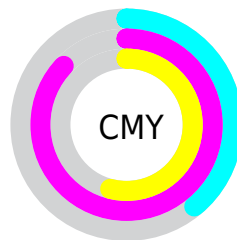
- Red (61%)
- Green (13%)
- Blue (46%)



- Red (61%)
- Yellow (13%)
- Blue (46%)



- Cyan (0%)
- Magenta (79%)
- Yellow (24%)
- Black (39%)



- Cyan (39%)
- Magenta (87%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B2076 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 9B2076 by changing the saturation by 10% instead.



 9B2076

 9B2076

FFFFFF

 7F005D

 D55BAA

 630045

 F276C6

 48002F

 FF92E2

 30001A

 FFAEFE

 000000

 FFCBFF

 FFE8FF

 9B2076

 9B2076

 9B1071

 9B2F7B

9B016D

9B3F7F

9B006C

9B4E84

9B5E89

9B6E8D

9B7D92

9B8C97

9B9C9B

9BABA0

# Harmonies

## Analogous

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



6D3F9F



9B2076



A91246

# Triad

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



9B2076



595A00



006A95

# Complementary

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



9B2076



209B45

# 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.



006B68



9B2076



1C6400

# Square

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



9B2076



814800



006935



0064B2

# Rectangle

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



9B2076



A42427



006935



006A87



# Sweetspot

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



9B2076



C999BB



45209B



66485D



E6E6E6



666666



# Same Dimension

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



9B2076



C90A90



9B2039



4D454A



8C0062



0D0009



# Inverse Universe

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



9B2076



C90A90



209B82



4D454A



8C0062



0D0009



# Previews

## White Background



This preview shows how the Hex color 9B2076 looks on a white background.

## Color Contrast Check

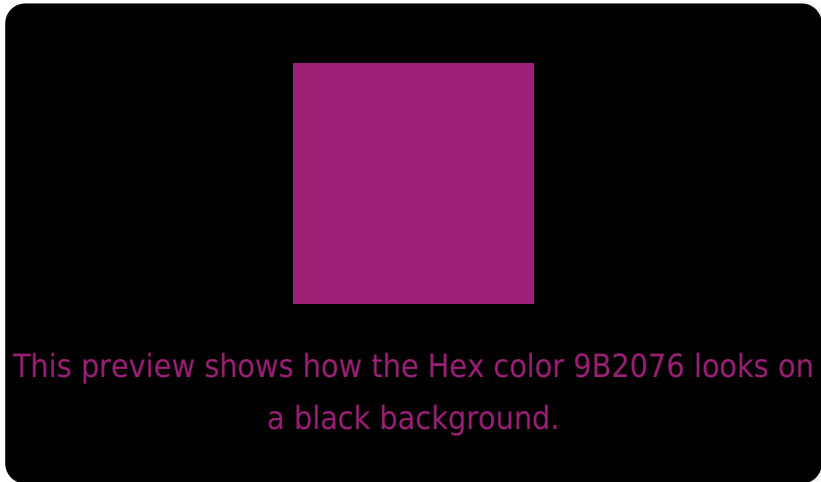
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B2076 Background



This preview shows how black text looks on a background with the Hex color 9B2076.



This preview shows how white text looks on a background with the Hex color 9B2076.

# 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





# Trichromacy



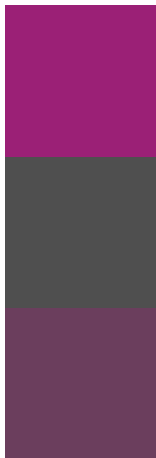
**Original Color**  
9B2076

**Protanomaly**  
594290

**Deuteranomaly**  
6D4272

**Tritanomaly**  
982E4F

# Monochromacy



**Original Color**  
9B2076

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
6B3E5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B2076 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 #9B2076 looks like.

```
.text, #text, p{  
    color:#9B2076  
}
```

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 #9B2076 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B2076
}
```

## Border

The CSS property to change the border of an element to Hex 9B2076 is called "border". The border property can be set on classes, ids or directly on the HTML element.

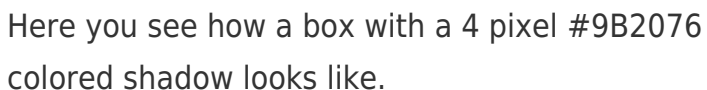
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B2076 }
```

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

```
.border{ border-color:#9B2076 }
```

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



Here you see how a box with a 4 pixel #9B2076 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B2076; -webkit-box-shadow:4px 4px  
4px 4px #9B2076; box-shadow:4px 4px 4px  
4px #9B2076 }
```

# Background

The CSS property to change the background color of an element to Hex 9B2076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B2076 }
```

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

```
.background{ background-color:#9B2076 }
```

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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