

# Converting Colors

Hex(971F9A)

Have a look what the booklet for  
Hex(971F9A) contains.

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**Color**

**Hex(971F9A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	971F9A
RGB	151, 31, 154
RGB Percent	59%, 12%, 60%
CMY	0.4078, 0.8784, 0.3961
CMYK	0.02, 0.80, 0.00, 0.40
HSL	299°, 66%, 36%
HSV	299°, 80%, 60%
XYZ	19.0852, 9.8924, 31.4754
YIQ	80.9020, 32.0370, 63.6930

# Conversions

## Conversions Part 2

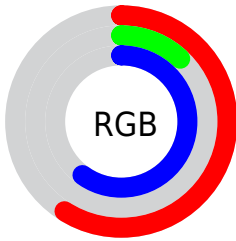
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">151, 31, 154</a>
Decimal	<a href="#">9904026</a>
CIELab	<a href="#">37.65, 61.55, -39.74</a>
CIELCh	<a href="#">38, 73.263, 327.147</a>
Yxy	<a href="#">9.8924, 0.3157, 0.1636</a>
Android (android.graphics.Color)	<a href="#">4288094106 (0xFF971F9A)</a>
YUV	<a href="#">80.9020, 36.0373, 61.4759</a>
Hunter-Lab	<a href="#">31.4521, 53.2729, -37.3173</a>

# Details

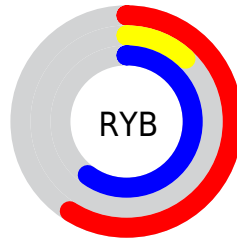
The Hex color **971F9A** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **229A1F**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **D05BD1**, and **600066** is the 20% darker color. If you saturate the color by 10%, you get **97109A**, and if you desaturate by 10%, it is **972E9A**.

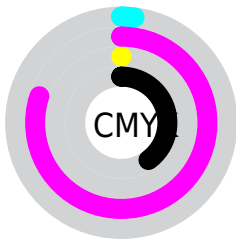
# Distribution



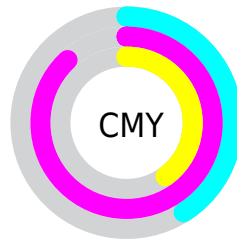
- Red (59%)
- Green (12%)
- Blue (60%)



- Red (59%)
- Yellow (12%)
- Blue (60%)



- Cyan (2%)
- Magenta (80%)
- Yellow (0%)
- Black (40%)



- Cyan (41%)
- Magenta (88%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 971F9A 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 971F9A by changing the saturation by 10% instead.



971F9A

971F9A

FFFFFF

7B0080

D05BD1

600066

EE77EE

45004E

FF93FF

2D0036

FFAFFF

000020

FFCCFF

000003

FFE9FF

000000

971F9A

971F9A

97109A

972E9A

96009A

983E9A

984D9A

995D9A

996C9A

997B9A

9A8B9A

9A9A9A

9AAA9A

# Harmonies

## Analogous

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



374BC4



971F9A



B90061

# Triad

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



971F9A



725500



00708E

# Complementary

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



971F9A



229A1F

# 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.



006F51



971F9A



376400

# Square

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



971F9A



9D3800



006C0A



006EBD

# Rectangle

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



971F9A



BB003A



006C0A



00707A



# Sweetspot

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



971F9A



C899C9



1F239A



654866



E6E6E6



666666



# Same Dimension

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



971F9A



C508C9



9A1F61



4C454D



89008C



0C000D



# Inverse Universe

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



9A1F22



C9080D



1F9A58



4D4545



8C0003



0D0000



# Previews

## White Background



This preview shows how the Hex color 971F9A looks on a white background.

## Color Contrast Check

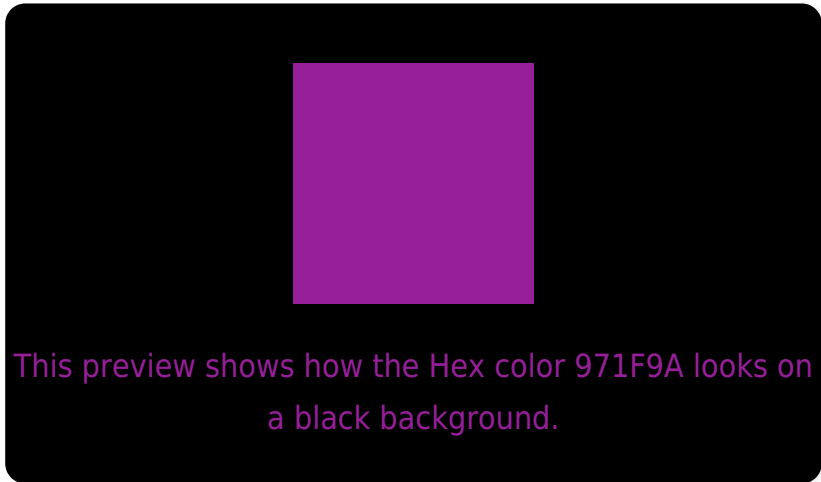
Large Text (above 18pt) WCAG AA ✓ Pass

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

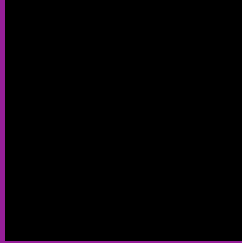
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 971F9A Background



This preview shows how black text looks on a background with the Hex color 971F9A.

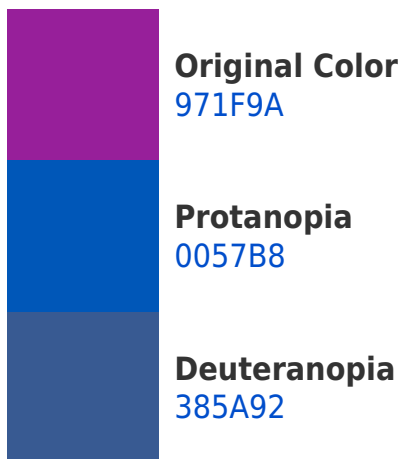


This preview shows how white text looks on a background with the Hex color 971F9A.

# 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**  
8D4246

# Trichromacy



**Original Color**

971F9A



**Protanomaly**

3743AD



**Deuteranomaly**

5B4595



**Tritanomaly**

913565

# Monochromacy



**Original Color**

971F9A



**Achromatopsia**

515151



**Achromatomaly**

6A3F6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 971F9A 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 #971F9A looks like.

```
.text, #text, p{  
    color:#971F9A  
}
```

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 #971F9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #971F9A
}
```

## Border

The CSS property to change the border of an element to Hex 971F9A is called "border". The border property can be set on classes, ids or directly on the HTML element.

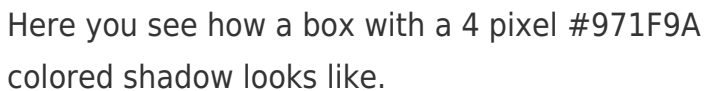
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#971F9A }
```

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

```
.border{ border-color:#971F9A }
```

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



Here you see how a box with a 4 pixel #971F9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #971F9A; -webkit-box-shadow:4px 4px  
4px 4px #971F9A; box-shadow:4px 4px 4px  
4px #971F9A }
```

# Background

The CSS property to change the background color of an element to Hex 971F9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#971F9A }
```

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

```
.background{ background-color:#971F9A }
```

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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