

# Converting Colors

Hex(901C81)

Have a look what the booklet for  
Hex(901C81) contains.

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**Color**

**Hex(901C81)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	901C81
RGB	144, 28, 129
RGB Percent	56%, 11%, 51%
CMY	0.4353, 0.8902, 0.4941
CMYK	0.00, 0.81, 0.10, 0.44
HSL	308°, 67%, 34%
HSV	308°, 81%, 56%
XYZ	15.8793, 8.3448, 21.5426
YIQ	74.1980, 36.7150, 56.0030

# Conversions

## Conversions Part 2

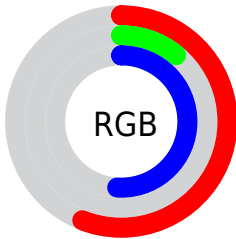
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 28, 129
Decimal	9444481
CIELab	34.69, 56.89, -29.14
CIELCh	35, 63.916, 332.874
Yxy	8.3448, 0.3470, 0.1823
Android (android.graphics.Color)	4287634561 (0xFF901C81)
YUV	74.1980, 27.0174, 61.2164
Hunter-Lab	28.8873, 47.5682, -23.9942

# Details

The Hex color **901C81** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **1C902B**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **C957B6**, and **59004F** is the 20% darker color. If you saturate the color by 10%, you get **900E7F**, and if you desaturate by 10%, it is **902A83**.

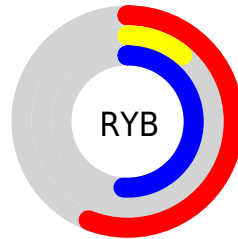
# Distribution



Red (56%)

Green (11%)

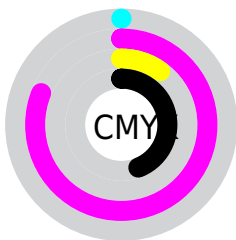
Blue (51%)



Red (56%)

Yellow (11%)

Blue (51%)

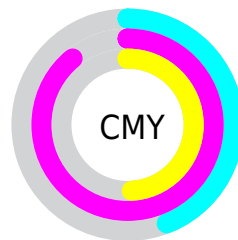


Cyan (0%)

Magenta (81%)

Yellow (10%)

Black (44%)



Cyan (44%)

Magenta (89%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 901C81 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 901C81 by changing the saturation by 10% instead.



 901C81

 901C81

FFFFFF

 740068

 C957B6

 59004F

 E673D2

 3F0038

 FF8EEE

 260022

 FFAAFF

 000007

 FFC7FF

 000000

 FFE4FF

 901C81

 901C81

 900E7F

 902A83

■ 90007D

■ 903985

■ 904787

■ 905688

■ 90648A

■ 90728C

■ 90818E

■ 908F90

■ 909E92

# Harmonies

## Analogous

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



5041A8



901C81



A7004F

# Triad

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



901C81



605100



006688

# Complementary

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



901C81



1C902B

# 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.



006655



901C81



295E00

# Square

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



901C81



883C00



00641E



0063AD

# Rectangle

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



901C81



A6022E



00641E



006778



# Sweetspot

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



901C81



BA8DB4



2A1C90



5E435B



DEDEDE



5E5E5E



# Same Dimension

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



901C81



BA06A3



901C48



474046



870076



080007



# Inverse Universe

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



901C81



BA06A3



1C9064



474046



870076



080007



# Previews

## White Background



This preview shows how the Hex color 901C81 looks on a white background.

## Color Contrast Check

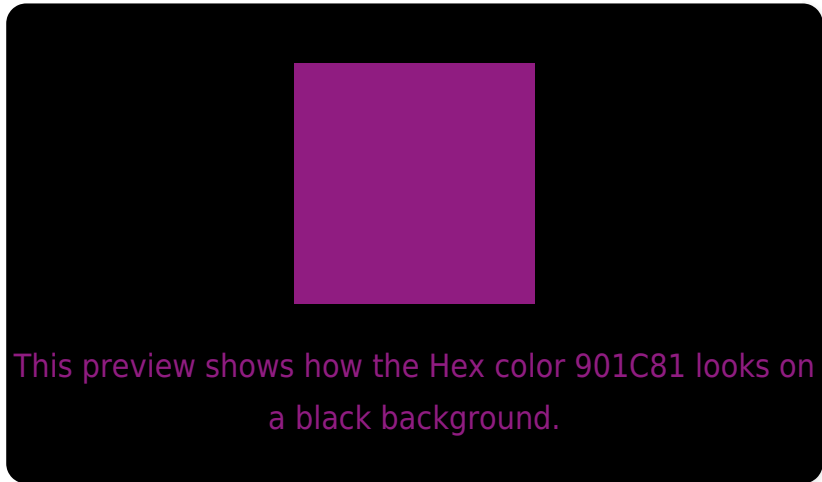
Large Text (above 18pt) WCAG AA ✓ Pass

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

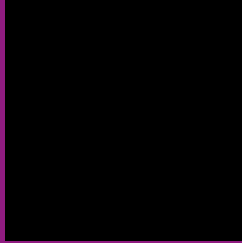
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 901C81 Background



This preview shows how black text looks on a background with the Hex color 901C81.

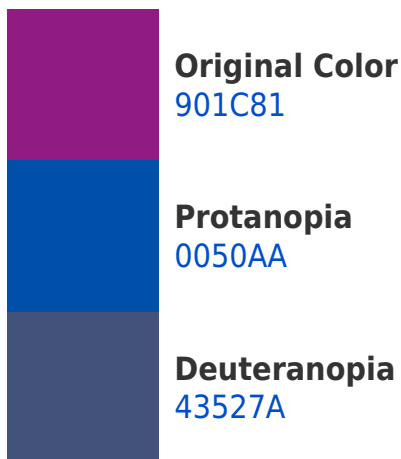


This preview shows how white text looks on a background with the Hex color 901C81.

# 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**  
89383B

# Trichromacy



**Original Color**  
901C81



**Protanomaly**  
343D9B



**Deuteranomaly**  
5F3E7D



**Tritanomaly**  
8C2E54

# Monochromacy



**Original Color**  
901C81



**Achromatopsia**  
4A4A4A



**Achromatomaly**  
63395E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 901C81 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 #901C81 looks like.

```
.text, #text, p{  
    color:#901C81  
}
```

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 #901C81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #901C81
}
```

## Border

The CSS property to change the border of an element to Hex 901C81 is called "border". The border property can be set on classes, ids or directly on the HTML element.

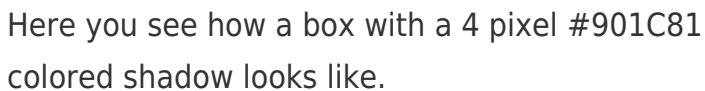
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#901C81 }
```

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

```
.border{ border-color:#901C81 }
```

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



Here you see how a box with a 4 pixel #901C81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #901C81; -webkit-box-shadow:4px 4px  
4px 4px #901C81; box-shadow:4px 4px 4px  
4px #901C81 }
```

# Background

The CSS property to change the background color of an element to Hex 901C81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#901C81 }
```

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

```
.background{ background-color:#901C81 }
```

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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