

# Converting Colors

Hex(901B6A)

Have a look what the booklet for  
Hex(901B6A) contains.

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# Color

**Hex(901B6A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	901B6A
RGB	144, 27, 106
RGB Percent	56%, 11%, 42%
CMY	0.4353, 0.8941, 0.5843
CMYK	0.00, 0.81, 0.26, 0.44
HSL	319°, 68%, 34%
HSV	319°, 81%, 56%
XYZ	14.4951, 7.7538, 14.3683
YIQ	70.9890, 44.3730, 49.3730

# Conversions

## Conversions Part 2

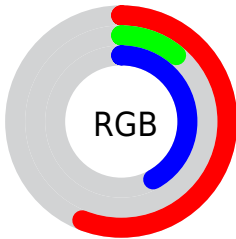
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 27, 106
Decimal	9444202
CIE <sub>Lab</sub>	33.46, 53.92, -16.54
CIE <sub>LCh</sub>	33, 56.404, 342.949
Yxy	7.7538, 0.3959, 0.2118
Android (android.graphics.Color)	4287634282 (0xFF901B6A)
YUV	70.9890, 17.2604, 64.0306
Hunter-Lab	27.8456, 44.1886, -11.1017

# Details

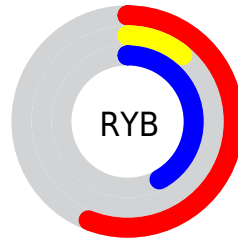
The Hex color **901B6A** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **1B9041**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **C9569D**, and **59003B** is the 20% darker color. If you saturate the color by 10%, you get **900D65**, and if you desaturate by 10%, it is **90296F**.

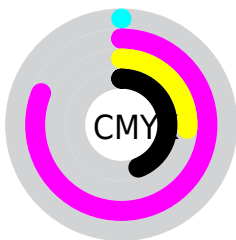
# Distribution



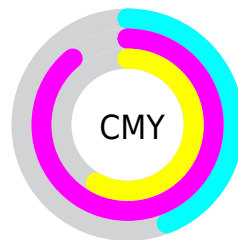
- Red (56%)
- Green (11%)
- Blue (42%)



- Red (56%)
- Yellow (11%)
- Blue (42%)



- Cyan (0%)
- Magenta (81%)
- Yellow (26%)
- Black (44%)



- Cyan (44%)
- Magenta (89%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 901B6A 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 901B6A by changing the saturation by 10% instead.



 901B6A

 901B6A

FFFFFF

 740052

 C9569D

 59003B

 E771B8

 3F0025

 FF8CD4

 25000E

 FFA8F0

 000000

 FFC4FF

 FFE1FF

 901B6A

 901B6A

 900D65

 90296F

■ 900061

■ 903873

■ 904678

■ 90557D

■ 906381

■ 907186

■ 90808B

■ 908E8F

■ 909D94

# Harmonies

## Analogous

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



673891



901B6A



9B113E

# Triad

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



901B6A



4F5300



00618B

# Complementary

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



901B6A



1B9041

# 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.



006262



901B6A



135C00

# Square

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



901B6A



754300



006033



005BA5

# Rectangle

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



901B6A



962221



006033



00617F



# Sweetspot

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



901B6A



BA8DAC



401B90



5E4355



DEDEDE



5E5E5E



# Same Dimension

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



901B6A



BA047F



901B30



474045



87005B



080005



# Inverse Universe

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



901B6A



BA047F



1B907B



474045



87005B



080005



# Previews

## White Background



This preview shows how the Hex color 901B6A looks on a white background.

## Color Contrast Check

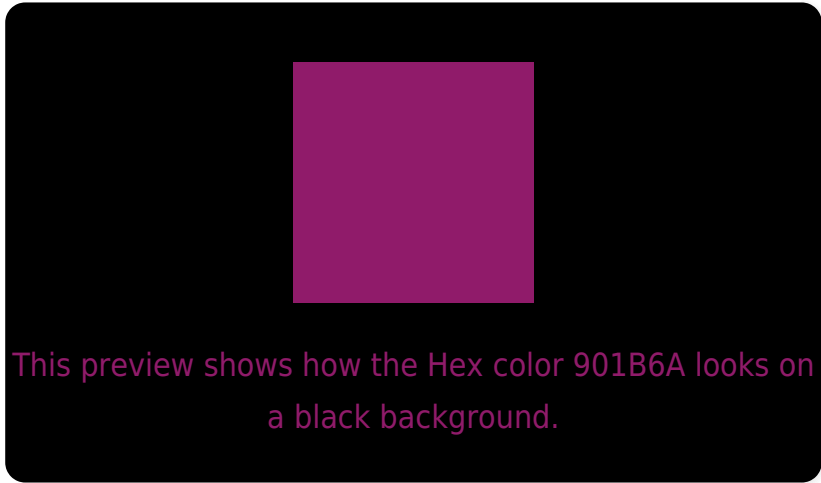
Large Text (above 18pt) WCAG AA ✓ Pass

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 901B6A Background



This preview shows how black text looks on a background with the Hex color 901B6A.

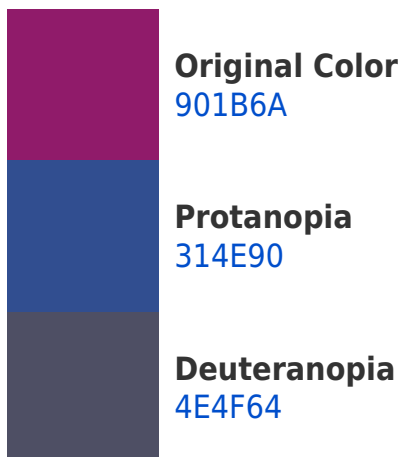


This preview shows how white text looks on a background with the Hex color 901B6A.

# 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**  
8C2F32

# Trichromacy



**Original Color**  
901B6A

**Protanomaly**  
543B82

**Deuteranomaly**  
663C66

**Tritanomaly**  
8D2846

# Monochromacy



**Original Color**  
901B6A

**Achromatopsia**  
474747

**Achromatomaly**  
623754

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 901B6A 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 #901B6A looks like.

```
.text, #text, p{  
    color:#901B6A  
}
```

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 #901B6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #901B6A
}
```

## Border

The CSS property to change the border of an element to Hex 901B6A is called "border". The border property can be set on classes, ids or directly on the HTML element.

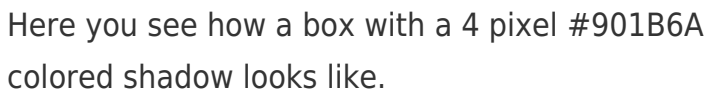
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#901B6A }
```

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

```
.border{ border-color:#901B6A }
```

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



Here you see how a box with a 4 pixel #901B6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #901B6A; -webkit-box-shadow:4px 4px  
4px 4px #901B6A; box-shadow:4px 4px 4px  
4px #901B6A }
```

# Background

The CSS property to change the background color of an element to Hex 901B6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#901B6A }
```

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

```
.background{ background-color:#901B6A }
```

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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