

# Converting Colors

Hex(901A02)

Have a look what the booklet for  
Hex(901A02) contains.

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**Color**

**Hex(901A02)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	901A02
RGB	144, 26, 2
RGB Percent	56%, 10%, 1%
CMY	0.4353, 0.8980, 0.9922
CMYK	0.00, 0.82, 0.99, 0.44
HSL	10°, 97%, 29%
HSV	10°, 99%, 56%
XYZ	11.8820, 6.6725, 0.7191
YIQ	58.5460, 78.0320, 17.5520

# Conversions

## Conversions Part 2

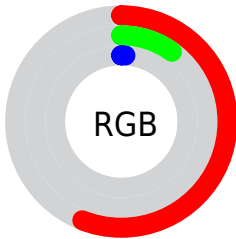
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 31, 2
Decimal	9443842
CIE Lab	31.05, 47.21, 43.25
CIE LCh	31, 64.024, 42.493
Yxy	6.6725, 0.6165, 0.3462
Android (android.graphics.Color)	4287633922 (0xFF901A02)
YUV	58.5460, -27.8772, 74.9432
Hunter-Lab	25.8311, 36.9031, 16.4312

# Details

The Hex color **901A02** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **027890**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **CE5231**, and **540000** is the 20% darker color. If you saturate the color by 10%, you get **901800**, and if you desaturate by 10%, it is **902610**.

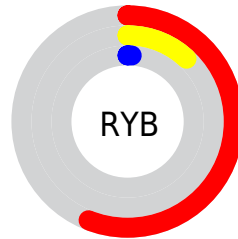
# Distribution



Red (56%)

Green (10%)

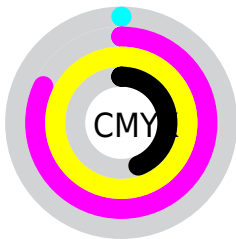
Blue (1%)



Red (56%)

Yellow (12%)

Blue (1%)

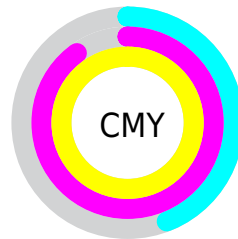


Cyan (0%)

Magenta (82%)

Yellow (99%)

Black (44%)



Cyan (44%)

Magenta (90%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 901A02 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 901A02 by changing the saturation by 10% instead.



 901A02

 901A02

 FFFFE8

 720000

 CE5231

 540000

 ED6D49

 390002

 FF8862

 140000

 FFA37B

 000000

 FFBF95

 FFDCB0

 FFF9CC

 901A02

 901A02

■ 901800

■ 902610

■ 90321F

■ 903E2D

■ 904A3C

■ 90564A

■ 906258

■ 906E67

■ 907A75

■ 908684

# Harmonies

## Analogous

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



9D0037



901A02



723C00

# Triad

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



901A02



005B28



0049AD

# Complementary

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



901A02



027890

# 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.



0057AA



901A02



005D5E

# Square

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



901A02



005700



005D8D



622E94

# Rectangle

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



901A02



574900



005D8D



004FAF



# Sweetspot

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



901A02



BA8C82



900278



5E423C



DEDEDE



5E5E5E



# Same Dimension

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



901A02



BA1F00



906102



474140



871700



080100



# Inverse Universe

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



027890



009BBA



023190



404647



007087

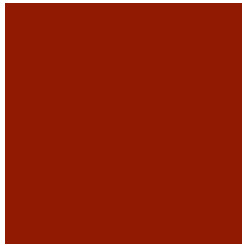


000608



# Previews

## White Background



This preview shows how the Hex color 901A02 looks on a white background.

## Color Contrast Check

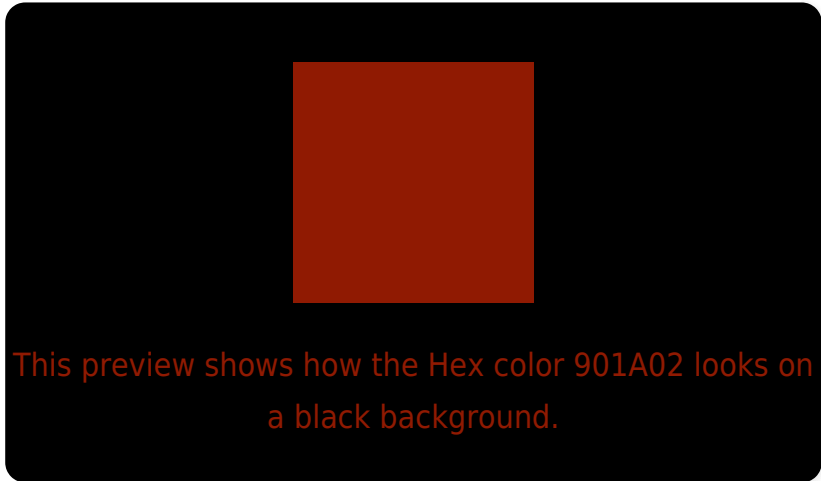
Large Text (above 18pt) WCAG AA ✓ Pass

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

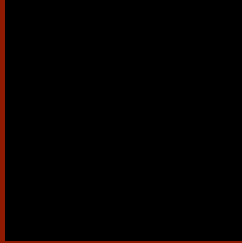
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 901A02 Background



This preview shows how black text looks on a background with the Hex color 901A02.



This preview shows how white text looks on a background with the Hex color 901A02.

# 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**  
901A02

**Protanopia**  
544B12

**Deuteranopia**  
5F4700



**Tritanopia**  
901918

# Trichromacy



**Original Color**  
901A02

**Protanomaly**  
6A390C

**Deuteranomaly**  
713701

**Tritanomaly**  
901910

# Monochromacy



**Original Color**  
901A02

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
5A2F26

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 901A02 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 #901A02 looks like.

```
.text, #text, p{  
    color:#901A02  
}
```

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 #901A02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #901A02
}
```

## Border

The CSS property to change the border of an element to Hex 901A02 is called "border". The border property can be set on classes, ids or directly on the HTML element.

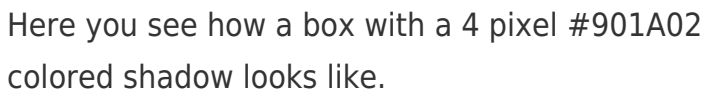
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#901A02 }
```

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

```
.border{ border-color:#901A02 }
```

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



Here you see how a box with a 4 pixel #901A02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #901A02; -webkit-box-shadow:4px 4px  
4px 4px #901A02; box-shadow:4px 4px 4px  
4px #901A02 }
```

# Background

The CSS property to change the background color of an element to Hex 901A02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#901A02 }
```

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

```
.background{ background-color:#901A02 }
```

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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