

# Converting Colors

Hex(901C02)

Have a look what the booklet for  
Hex(901C02) contains.

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**Color**

**Hex(901C02)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	901C02
RGB	144, 28, 2
RGB Percent	56%, 11%, 1%
CMY	0.4353, 0.8902, 0.9922
CMYK	0.00, 0.81, 0.99, 0.44
HSL	11°, 97%, 29%
HSV	11°, 99%, 56%
XYZ	11.9278, 6.7642, 0.7344
YIQ	59.7200, 77.4820, 16.5060

# Conversions

## Conversions Part 2

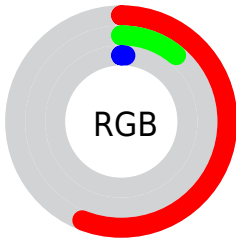
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 34, 2
Decimal	9444354
CIE Lab	31.26, 46.60, 43.40
CIE LCh	31, 63.683, 42.960
Yxy	6.7642, 0.6140, 0.3482
Android (android.graphics.Color)	4287634434 (0xFF901C02)
YUV	59.7200, -28.4560, 73.9136
Hunter-Lab	26.0080, 36.3496, 16.5315

# Details

The Hex color **901C02** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **027690**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **CD5332**, and **540000** is the 20% darker color. If you saturate the color by 10%, you get **901A00**, and if you desaturate by 10%, it is **902810**.

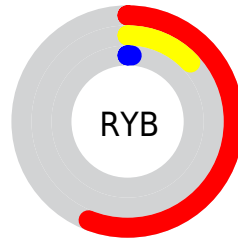
# Distribution



Red (56%)

Green (11%)

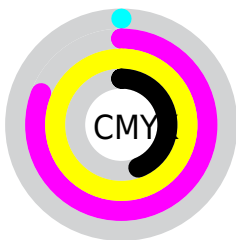
Blue (1%)



Red (56%)

Yellow (13%)

Blue (1%)

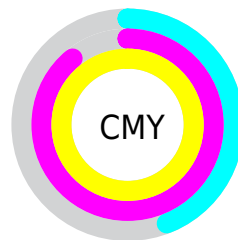


Cyan (0%)

Magenta (81%)

Yellow (99%)

Black (44%)



Cyan (44%)

Magenta (89%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 901C02 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 901C02 by changing the saturation by 10% instead.



 901C02

 901C02

 FFFFE8

 720000

 CD5332

 540000

 ED6E49

 390002

 FF8962

 140000

 FFA47B

 000000

 FFC095

 FFDDB0

 FFFACC

 901C02

 901C02

■ 901A00

■ 902810

■ 90341F

■ 903F2D

■ 904B3C

■ 90574A

■ 906358

■ 906E67

■ 907A75

■ 908684

# Harmonies

## Analogous

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



9D0037



901C02



723C00

# Triad

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



901C02



005C2A



0049AD

# Complementary

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



901C02



027690

# 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.



0058AA



901C02



005E5F

# Square

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



901C02



005800



005D8D



632E94

# Rectangle

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



901C02



574A00



005D8D



004FAF



# Sweetspot

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



901C02



BA8D82



900278



5E433C



DEDEDE



5E5E5E



# Same Dimension

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



901C02



BA2200



906102



474240



871900



080100



# Inverse Universe

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



027690



0098BA



023190



404647



006E87

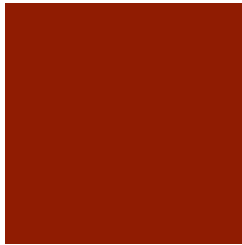


000608



# Previews

## White Background



This preview shows how the Hex color 901C02 looks on a white background.

## Color Contrast Check

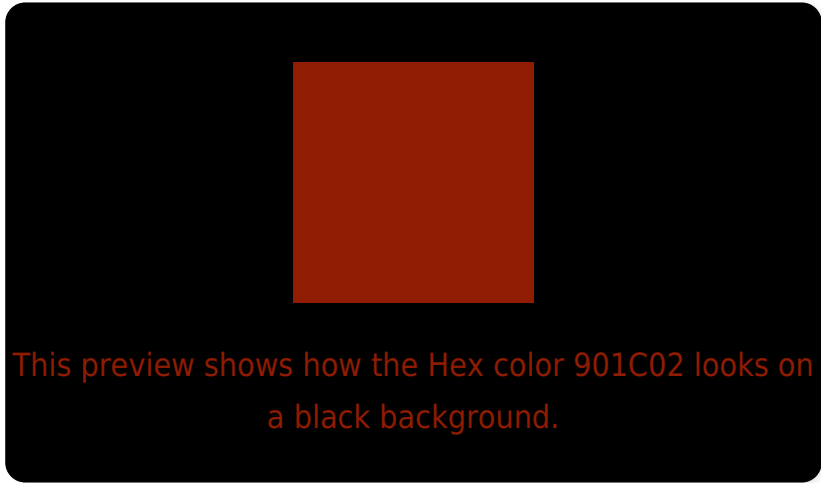
Large Text (above 18pt) WCAG AA ✓ Pass

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 901C02 Background



This preview shows how black text looks on a background with the Hex color 901C02.



This preview shows how white text looks on a background with the Hex color 901C02.

# 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**  
901C02

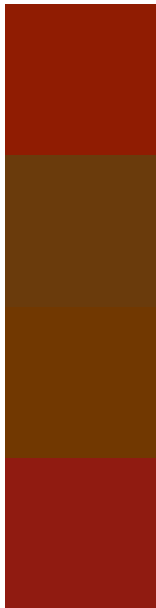
**Protanopia**  
554C11

**Deuteranopia**  
5F4800



**Tritanopia**  
901A1A

# Trichromacy



**Original Color**  
901C02

**Protanomaly**  
6A3B0C

**Deuteranomaly**  
713801

**Tritanomaly**  
901B11

# Monochromacy



**Original Color**  
901C02

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
5B3027

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 901C02 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 #901C02 looks like.

```
.text, #text, p{  
    color:#901C02  
}
```

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 #901C02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #901C02
}
```

## Border

The CSS property to change the border of an element to Hex 901C02 is called "border". The border property can be set on classes, ids or directly on the HTML element.

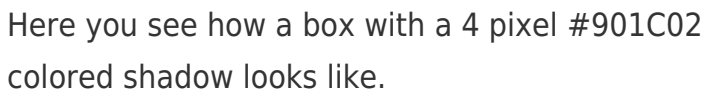
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#901C02 }
```

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

```
.border{ border-color:#901C02 }
```

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



Here you see how a box with a 4 pixel #901C02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #901C02; -webkit-box-shadow:4px 4px  
4px 4px #901C02; box-shadow:4px 4px 4px  
4px #901C02 }
```

# Background

The CSS property to change the background color of an element to Hex 901C02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#901C02 }
```

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

```
.background{ background-color:#901C02 }
```

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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