

# Converting Colors

Hex(901F00)

Have a look what the booklet for  
Hex(901F00) contains.

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**Color**

**Hex(901F00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	901F00
RGB	144, 31, 0
RGB Percent	56%, 12%, 0%
CMY	0.4353, 0.8784, 1.0000
CMYK	0.00, 0.78, 1.00, 0.44
HSL	13°, 100%, 28%
HSV	13°, 100%, 56%
XYZ	11.9916, 6.9093, 0.7016
YIQ	61.2530, 77.2990, 14.3150

# Conversions

## Conversions Part 2

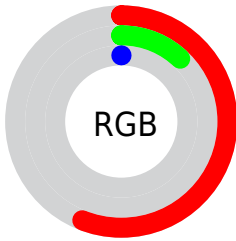
Format	Color
<b>RYB</b>	144, 40, 0
Decimal	9445120
CIELab	31.60, 45.60, 44.45
CIELCh	32, 63.681, 44.264
Yxy	6.9093, 0.6117, 0.3525
Android (android.graphics.Color)	4287635200 (0xFF901F00)
YUV	61.2530, -30.1977, 72.5691
Hunter-Lab	26.2855, 35.4331, 16.8173

# Details

The Hex color **901F00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **007190**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **CD5530**, and **540000** is the 20% darker color. If you saturate the color by 10%, you get **901F00**, and if you desaturate by 10%, it is **902A0E**.

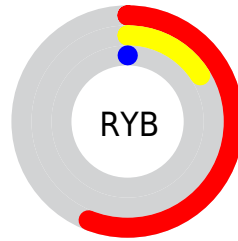
# Distribution



Red (56%)

Green (12%)

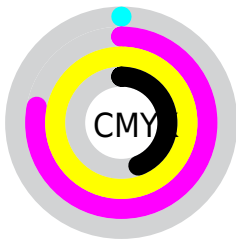
Blue (0%)



Red (56%)

Yellow (16%)

Blue (0%)

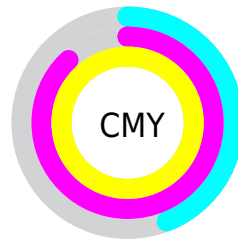


Cyan (0%)

Magenta (78%)

Yellow (100%)

Black (44%)



Cyan (44%)

Magenta (88%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 901F00 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 901F00 by changing the saturation by 10% instead.



 901F00

 901F00

 FFFFE7

 720000

 CD5530

 540000

 ED7048

 390001

 FF8B61

 150000

 FFA67A

 000000

 FFC294

 FFDFAF

 FFFCCB

 901F00

 902A0E

 90361D

 90412B

 904C3A

 905748

 906356

 906E65

 907973

 908582

# Harmonies

## Analogous

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



9E0035



901F00



713E00

# Triad

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



901F00



005D2D



0049AD

# Complementary

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



901F00



007190

# 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.



0058AC



901F00



005E62

# Square

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



901F00



005900



005E90



672D93

# Rectangle

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



901F00



564B00



005E90



004FB0



# Sweetspot

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



901F00



BA8E82



900073



5E443C



DEDEDE



5E5E5E



# Same Dimension

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



901F00



BA2800



906500



474240



871D00



080200



# Inverse Universe

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



007190



0092BA



002B90



404647



006A87

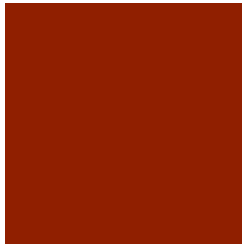


000608



# Previews

## White Background



This preview shows how the Hex color 901F00 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 901F00 Background



This preview shows how black text looks on a background with the Hex color 901F00.



This preview shows how white text looks on a background with the Hex color 901F00.

# 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**  
901F00

**Protanopia**  
564C11

**Deuteranopia**  
604800



**Tritanopia**  
901D1D

# Trichromacy



**Original Color**  
901F00

**Protanomaly**  
6B3C0B

**Deuteranomaly**  
713900

**Tritanomaly**  
901E12

# Monochromacy



**Original Color**  
901F00

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
5B3227

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 901F00 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 #901F00 looks like.

```
.text, #text, p{  
    color:#901F00  
}
```

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 #901F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #901F00
}
```

## Border

The CSS property to change the border of an element to Hex 901F00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

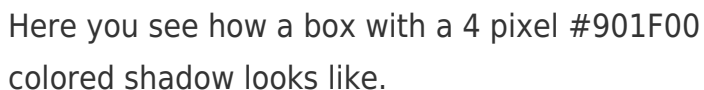
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#901F00 }
```

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

```
.border{ border-color:#901F00 }
```

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



Here you see how a box with a 4 pixel #901F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #901F00; -webkit-box-shadow:4px 4px  
4px 4px #901F00; box-shadow:4px 4px 4px  
4px #901F00 }
```

# Background

The CSS property to change the background color of an element to Hex 901F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#901F00 }
```

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

```
.background{ background-color:#901F00 }
```

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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