

# Converting Colors

Hex(971102)

Have a look what the booklet for  
Hex(971102) contains.

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**Color**

**Hex(971102)**

# Conversions

## Conversions Part 1

Format	Color
Hex	971102
RGB	151, 17, 2
RGB Percent	59%, 7%, 1%
CMY	0.4078, 0.9333, 0.9922
CMYK	0.00, 0.89, 0.99, 0.41
HSL	6°, 97%, 30%
HSV	6°, 99%, 59%
XYZ	12.9739, 6.9846, 0.7218
YIQ	55.3560, 84.6790, 23.7430

# Conversions

## Conversions Part 2

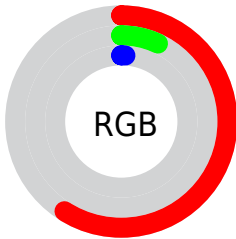
Format	Color
<a href="#">RYB</a>	<a href="#">151, 19, 2</a>
Decimal	<a href="#">9900290</a>
CIELab	<a href="#">31.77, 51.53, 44.45</a>
CIELCh	<a href="#">32, 68.056, 40.784</a>
Yxy	<a href="#">6.9846, 0.6274, 0.3377</a>
Android (android.graphics.Color)	<a href="#">4288090370</a> ( <a href="#">0xFF971102</a> )
YUV	<a href="#">55.3560, -26.3045, 83.8798</a>
Hunter-Lab	<a href="#">26.4284, 41.3774, 16.8806</a>

# Details

The Hex color **971102** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **028897**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **D54F31**, and **5A0000** is the 20% darker color. If you saturate the color by 10%, you get **970F00**, and if you desaturate by 10%, it is **971F11**.

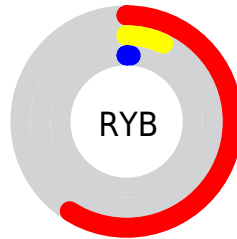
# Distribution



Red (59%)

Green (7%)

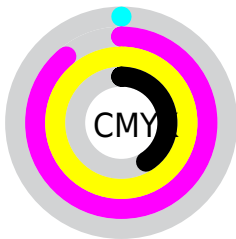
Blue (1%)



Red (59%)

Yellow (7%)

Blue (1%)

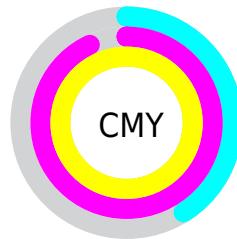


Cyan (0%)

Magenta (89%)

Yellow (99%)

Black (41%)



Cyan (41%)

Magenta (93%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 971102 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 971102 by changing the saturation by 10% instead.



 971102

 971102

 FFFFE8

 790000

 D54F31

 5A0000

 F56A49

 3E0002

 FF8562

 1E0001

 FFA17B

 000000

 FFBD95

 FFDAB0

 FFF7CC

 971102

 971102

■ 970F00

■ 971F11

■ 972C20

■ 973A2F

■ 97473E

■ 97554D

■ 97625D

■ 97706C

■ 977E7B

■ 978B8A

# Harmonies

## Analogous

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



A4003A



971102



773B00

# Triad

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



971102



005E24



004CB6

# Complementary

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



971102



028897

# 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.



005AB1



971102



00605D

# Square

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



971102



005900



005F90



602F9D

# Rectangle

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



971102



5B4A00



005F90



0052B8



# Sweetspot

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



971102



C48F89



970288



634340



E3E3E3



636363



# Same Dimension

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



971102



C41400



975B02



4D4645



8C0E00



0D0100



# Inverse Universe

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



028897



00B1C4



023E97



454C4D



007E8C

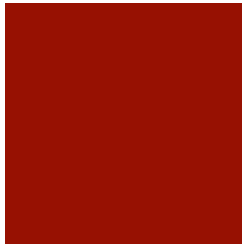


000B0D



# Previews

## White Background



This preview shows how the Hex color 971102 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

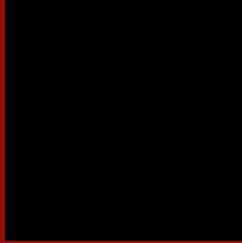
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 971102 Background



This preview shows how black text looks on a background with the Hex color 971102.



This preview shows how white text looks on a background with the Hex color 971102.

# 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**  
971102

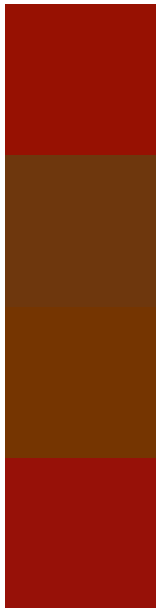
**Protanopia**  
574D13

**Deuteranopia**  
614900



**Tritanopia**  
97110C

# Trichromacy



**Original Color**  
971102

**Protanomaly**  
6E370D

**Deuteranomaly**  
753501

**Tritanomaly**  
971108

# Monochromacy



**Original Color**  
971102

**Achromatopsia**  
373737

**Achromatomaly**  
5A2924

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 971102 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 #971102 looks like.

```
.text, #text, p{  
    color:#971102  
}
```

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 #971102 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #971102
}
```

## Border

The CSS property to change the border of an element to Hex 971102 is called "border". The border property can be set on classes, ids or directly on the HTML element.

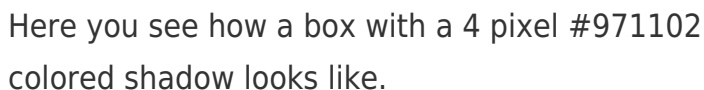
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#971102 }
```

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

```
.border{ border-color:#971102 }
```

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



Here you see how a box with a 4 pixel #971102 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #971102; -webkit-box-shadow:4px 4px  
4px 4px #971102; box-shadow:4px 4px 4px  
4px #971102 }
```

# Background

The CSS property to change the background color of an element to Hex 971102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#971102 }
```

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

```
.background{ background-color:#971102 }
```

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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