

# Converting Colors

Hex(970118)

Have a look what the booklet for  
Hex(970118) contains.

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**Color**

**Hex(970118)**

# Conversions

## Conversions Part 1

Format	Color
Hex	970118
RGB	151, 1, 24
RGB Percent	59%, 0%, 9%
CMY	0.4078, 0.9961, 0.9059
CMYK	0.00, 0.99, 0.84, 0.41
HSL	351°, 99%, 30%
HSV	351°, 99%, 59%
XYZ	12.9382, 6.6670, 1.4691
YIQ	48.4720, 82.0170, 38.9530

# Conversions

## Conversions Part 2

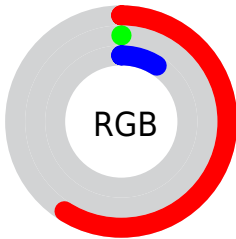
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 1, 24
Decimal	9896216
CIE Lab	31.04, 54.46, 33.48
CIE LCh	31, 63.933, 31.583
Yxy	6.6670, 0.6139, 0.3164
Android (android.graphics.Color)	4288086296 (0xFF970118)
YUV	48.4720, -12.0647, 89.9171
Hunter-Lab	25.8205, 44.2577, 14.7010

# Details

The Hex color **970118** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **019780**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **D54944**, and **5B0000** is the 20% darker color. If you saturate the color by 10%, you get **970017**, and if you desaturate by 10%, it is **971025**.

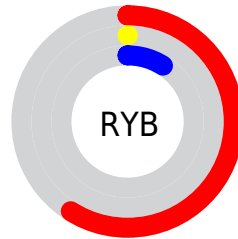
# Distribution



Red (59%)

Green (0%)

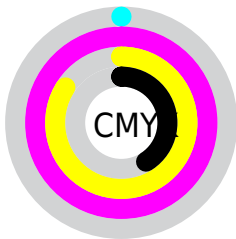
Blue (9%)



Red (59%)

Yellow (0%)

Blue (9%)

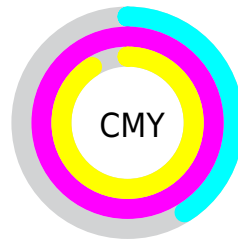


Cyan (0%)

Magenta (99%)

Yellow (84%)

Black (41%)



Cyan (41%)

Magenta (100%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 970118 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 970118 by changing the saturation by 10% instead.



 970118

 970118

FFFFFFC

 790000

 D54944

 5B0000

 F4655B

 3F0002

 FF8074

 1D0001

 FF9C8E

 000000

 FFB8A8

 FFD5C4

 FFF3E0

 970118

 970118

■ 970017

■ 971025

■ 971F32

■ 972E3E

■ 973D4B

■ 974D58

■ 975C65

■ 976B71

■ 977A7E

■ 97898B

# Harmonies

## Analogous

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



9C0049



970118



7E3200

# Triad

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



970118



005A13



0050AF

# Complementary

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



970118



019780

# 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.



005AA2



970118



005D4A

# Square

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



970118



235400



005D7D



413AA0

# Rectangle

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



970118



664200



005D7D



0054AE



# Sweetspot

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



970118



C48992



7E0197



634045



E3E3E3



636363



# Same Dimension

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



970118



C4001E



973301



4D4546



8C0016



0D0002



# Inverse Universe

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



970118



C4001E



016597



4D4546



8C0016



0D0002



# Previews

## White Background



This preview shows how the Hex color 970118 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 970118 Background



This preview shows how black text looks on a background with the Hex color 970118.



This preview shows how white text looks on a background with the Hex color 970118.

# 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**  
970118

**Protanopia**  
544C27

**Deuteranopia**  
614801



**Tritanopia**  
960E00

# Trichromacy



**Original Color**  
970118

**Protanomaly**  
6C3122

**Deuteranomaly**  
752E09

**Tritanomaly**  
960909

# Monochromacy



**Original Color**  
970118

**Achromatopsia**  
303030

**Achromatomaly**  
551F27

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 970118 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 #970118 looks like.

```
.text, #text, p{  
    color:#970118  
}
```

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 #970118 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #970118
}
```

## Border

The CSS property to change the border of an element to Hex 970118 is called "border". The border property can be set on classes, ids or directly on the HTML element.

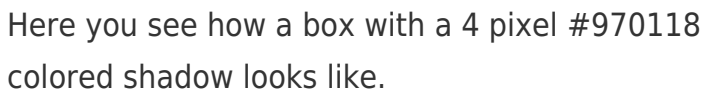
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#970118 }
```

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

```
.border{ border-color:#970118 }
```

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



Here you see how a box with a 4 pixel #970118 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #970118; -webkit-box-shadow:4px 4px  
4px 4px #970118; box-shadow:4px 4px 4px  
4px #970118 }
```

# Background

The CSS property to change the background color of an element to Hex 970118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#970118 }
```

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

```
.background{ background-color:#970118 }
```

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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