

# Converting Colors

Hex(9B1130)

Have a look what the booklet for  
Hex(9B1130) contains.

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**Color**

**Hex(9B1130)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B1130
RGB	155, 17, 48
RGB Percent	61%, 7%, 19%
CMY	0.3922, 0.9333, 0.8118
CMYK	0.00, 0.89, 0.69, 0.39
HSL	347°, 80%, 34%
HSV	347°, 89%, 61%
XYZ	14.2515, 7.5829, 3.5088
YIQ	61.7960, 72.2970, 38.8970

# Conversions

## Conversions Part 2

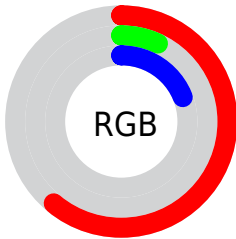
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 17, 48
Decimal	10162480
CIE Lab	33.10, 54.00, 21.01
CIE LCh	33, 57.941, 21.258
Yxy	7.5829, 0.5623, 0.2992
Android (android.graphics.Color)	4288352560 (0xFF9B1130)
YUV	61.7960, -6.8014, 81.7399
Hunter-Lab	27.5370, 44.1913, 11.7211

# Details

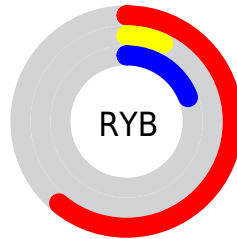
The Hex color **9B1130** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **119B7C**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **D8505E**, and **600001** is the 20% darker color. If you saturate the color by 10%, you get **9B0124**, and if you desaturate by 10%, it is **9B213C**.

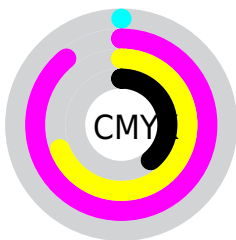
# Distribution



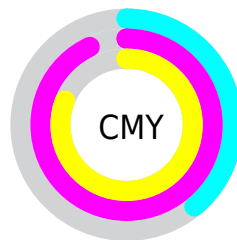
- Red (61%)
- Green (7%)
- Blue (19%)



- Red (61%)
- Yellow (7%)
- Blue (19%)



- Cyan (0%)
- Magenta (89%)
- Yellow (69%)
- Black (39%)



- Cyan (39%)
- Magenta (93%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B1130 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 9B1130 by changing the saturation by 10% instead.



 9B1130

 9B1130

FFFFFF

 7D001B

 D8505E

 600001

 F76C76

 440001

 FF8790

 260001

 FFA3AA

 000000

 FFC0C6

 FFDDE2

 FFFAFE

 9B1130

 9B1130

 9B0124

 9B213C

 9B0023

 9B3048

 9B3F54

 9B4F60

 9B5E6C

 9B6E78

 9B7E84

 9B8D90

 9B9D9C

# Harmonies

## Analogous

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



960C5D



9B1130



8A3100

# Triad

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



9B1130



005D09



0058A9

# Complementary

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



9B1130



119B7C

# 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.



005F95



9B1130



00603E

# Square

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



9B1130



415500



00616E



1E48A4

# Rectangle

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



9B1130



774100



00616E



005BA5



# Sweetspot

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



9B1130



C9939F



7B119B



66454D



E6E6E6



666666



# Same Dimension

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



9B1130



C9002D



9B3611



4D4547



8C0020



0D0003



# Inverse Universe

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



9B1130



C9002D



11769B



4D4547



8C0020

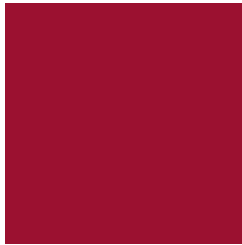


0D0003



# Previews

## White Background



This preview shows how the Hex color 9B1130 looks on a white background.

## Color Contrast Check

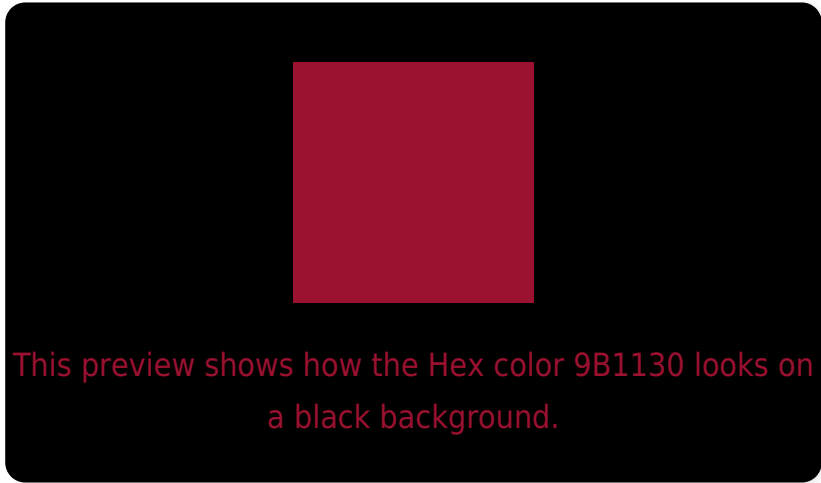
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B1130 Background



This preview shows how black text looks on a background with the Hex color 9B1130.



This preview shows how white text looks on a background with the Hex color 9B1130.

# 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**  
9B1130

**Protanopia**  
545046

**Deuteranopia**  
624C29



**Tritanopia**  
9A1817

# Trichromacy



**Original Color**  
9B1130

**Protanomaly**  
6E393E

**Deuteranomaly**  
77372C

**Tritanomaly**  
9A1520

# Monochromacy



**Original Color**  
9B1130

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
602E39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B1130 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 #9B1130 looks like.

```
.text, #text, p{  
    color:#9B1130  
}
```

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 #9B1130 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B1130
}
```

## Border

The CSS property to change the border of an element to Hex 9B1130 is called "border". The border property can be set on classes, ids or directly on the HTML element.

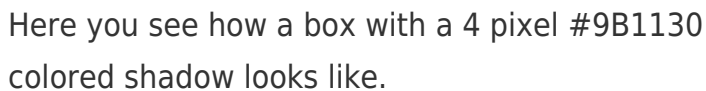
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B1130 }
```

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

```
.border{ border-color:#9B1130 }
```

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



Here you see how a box with a 4 pixel #9B1130 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B1130; -webkit-box-shadow:4px 4px  
4px 4px #9B1130; box-shadow:4px 4px 4px  
4px #9B1130 }
```

# Background

The CSS property to change the background color of an element to Hex 9B1130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B1130 }
```

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

```
.background{ background-color:#9B1130 }
```

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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