

# Converting Colors

Hex(9F0C31)

Have a look what the booklet for  
Hex(9F0C31) contains.

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# Color

**Hex(9F0C31)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F0C31
RGB	159, 12, 49
RGB Percent	62%, 5%, 19%
CMY	0.3765, 0.9529, 0.8078
CMYK	0.00, 0.92, 0.69, 0.38
HSL	345°, 86%, 34%
HSV	345°, 92%, 62%
XYZ	14.9839, 7.8556, 3.6323
YIQ	60.1710, 75.7350, 42.6710

# Conversions

## Conversions Part 2

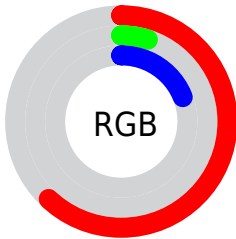
<b>Format</b>	<b>Color</b>
<b>RYB</b>	159, 12, 49
Decimal	10423345
CIELab	33.68, 55.97, 21.27
CIELCh	34, 59.872, 20.812
Yxy	7.8556, 0.5660, 0.2968
Android (android.graphics.Color)	4288613425 (0xFF9F0C31)
YUV	60.1710, -5.5073, 86.6730
Hunter-Lab	28.0279, 46.3787, 11.9358

# Details

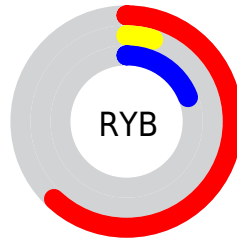
The Hex color **9F0C31** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **0C9F7A**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **DC4F5F**, and **640003** is the 20% darker color. If you saturate the color by 10%, you get **9F0028**, and if you desaturate by 10%, it is **9F1C3D**.

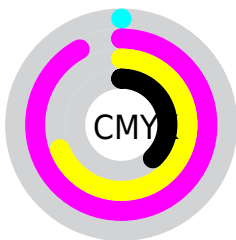
# Distribution



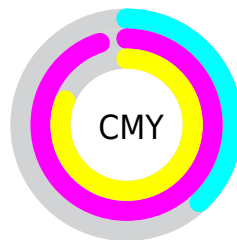
- Red (62%)
- Green (5%)
- Blue (19%)



- Red (62%)
- Yellow (5%)
- Blue (19%)



- Cyan (0%)
- Magenta (92%)
- Yellow (69%)
- Black (38%)



- Cyan (38%)
- Magenta (95%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F0C31 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 9F0C31 by changing the saturation by 10% instead.





9F0C31



9F0C31

FFFFFF



81001C



DC4F5F



640003



FB6B77



470001



FF8791



2A0001



FFA3AC



000000



FFBFC7



FFDCE3



FFFAFF



9F0C31



9F0C31

■ 9F0028

■ 9F1C3D

■ 9F2C49

■ 9F3C55

■ 9F4C61

■ 9F5C6C

■ 9F6B78

■ 9F7B84

■ 9F8B90

■ 9F9B9C

# Harmonies

## Analogous

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



9A0660



9F0C31



8E3000

# Triad

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



9F0C31



005F06



005AAE

# Complementary

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



9F0C31



0C9F7A

# 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.



006199



9F0C31



00623F

# Square

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



9F0C31



425700



006370



1649A9

# Rectangle

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



9F0C31



7A4100



006370



005DAA



# Sweetspot

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



9F0C31



CF95A3



780C9F



69454E



E8E8E8



696969



# Same Dimension

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



9F0C31



CF0034



9F2E0C



4F4749



8F0024



0F0004



# Inverse Universe

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



9F0C31



CF0034



0C7D9F



4F4749



8F0024



0F0004



# Previews

## White Background



This preview shows how the Hex color 9F0C31 looks on a white background.

## Color Contrast Check

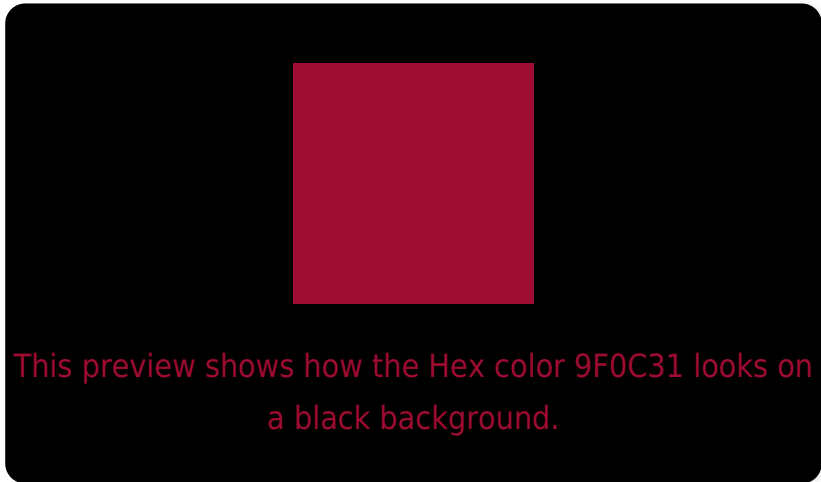
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F0C31 Background



This preview shows how black text looks on a background with the Hex color 9F0C31.



This preview shows how white text looks on a background with the Hex color 9F0C31.

# 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**  
9F0C31

**Protanopia**  
555148

**Deuteranopia**  
644E29



**Tritanopia**  
9E1614

# Trichromacy



**Original Color**  
9F0C31

**Protanomaly**  
703840

**Deuteranomaly**  
79362C

**Tritanomaly**  
9E121F

# Monochromacy



**Original Color**  
9F0C31

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
602B38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F0C31 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 #9F0C31 looks like.

```
.text, #text, p{  
    color:#9F0C31  
}
```

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 #9F0C31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F0C31
}
```

## Border

The CSS property to change the border of an element to Hex 9F0C31 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".

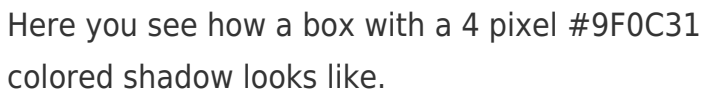
```
.border, #border, table{ border:4px solid
#9F0C31 }
```

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

```
.border{ border-color:#9F0C31 }
```

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

Here you see how a box with a 4 pixel #9F0C31 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F0C31; -webkit-box-shadow:4px 4px  
4px 4px #9F0C31; box-shadow:4px 4px 4px  
4px #9F0C31 }
```

# Background

The CSS property to change the background color of an element to Hex 9F0C31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F0C31 }
```

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

```
.background{ background-color:#9F0C31 }
```

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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