

# Converting Colors

Hex(9F1034)

Have a look what the booklet for  
Hex(9F1034) contains.

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**Color**

**Hex(9F1034)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F1034
RGB	159, 16, 52
RGB Percent	62%, 6%, 20%
CMY	0.3765, 0.9373, 0.7961
CMYK	0.00, 0.90, 0.67, 0.38
HSL	345°, 82%, 34%
HSV	345°, 90%, 62%
XYZ	15.1032, 7.9894, 3.9949
YIQ	62.8610, 73.6720, 41.5120

# Conversions

## Conversions Part 2

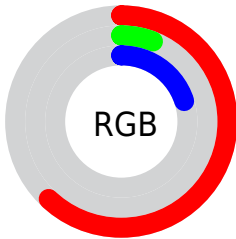
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 16, 52
Decimal	10424372
CIE <sub>Lab</sub>	33.96, 55.47, 19.68
CIE <sub>LCh</sub>	34, 58.859, 19.535
Yxy	7.9894, 0.5576, 0.2949
Android (android.graphics.Color)	4288614452 (0xFF9F1034)
YUV	62.8610, -5.3545, 84.3139
Hunter-Lab	28.2656, 45.9133, 11.4062

# Details

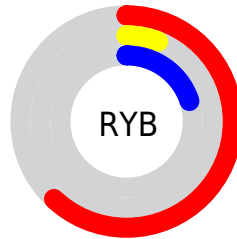
The Hex color **9F1034** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **109F7B**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **DC5162**, and **640008** is the 20% darker color. If you saturate the color by 10%, you get **9F0028**, and if you desaturate by 10%, it is **9F2040**.

# Distribution



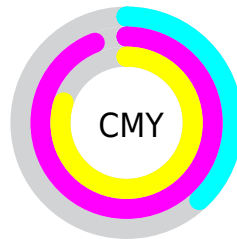
- Red (62%)
- Green (6%)
- Blue (20%)



- Red (62%)
- Yellow (6%)
- Blue (20%)



- Cyan (0%)
- Magenta (90%)
- Yellow (67%)
- Black (38%)



- Cyan (38%)
- Magenta (94%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F1034 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 9F1034 by changing the saturation by 10% instead.



 9F1034

 9F1034

FFFFFF

 81001F

 DC5162

 640008

 FB6D7B

 470001

 FF8895

 2A0001

 FFA4AF

 000000

 FFC1CB

 FFDEE7

 FFFBFF

 9F1034

 9F1034

■ 9F0028

■ 9F2040

■ 9F304C

■ 9F4058

■ 9F5064

■ 9F606F

■ 9F6F7B

■ 9F7F87

■ 9F8F93

■ 9F9F9F

# Harmonies

## Analogous

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



990F62



9F1034



8F3103

# Triad

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



9F1034



005F05



005BAD

# Complementary

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



9F1034



109F7B

# 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.



006297



9F1034



00633D

# Square

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



9F1034



465700



00646E



0E4BA9

# Rectangle

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



9F1034



7B4100



00646E



005EA8



# Sweetspot

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



9F1034



CF97A5



79109F



694750



E8E8E8



696969



# Same Dimension

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



9F1034



CF0034



9F3110



4F4749



8F0024



0F0004



# Inverse Universe

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



9F1034



CF0034



107E9F



4F4749



8F0024



0F0004



# Previews

## White Background



This preview shows how the Hex color 9F1034 looks on a white background.

## Color Contrast Check

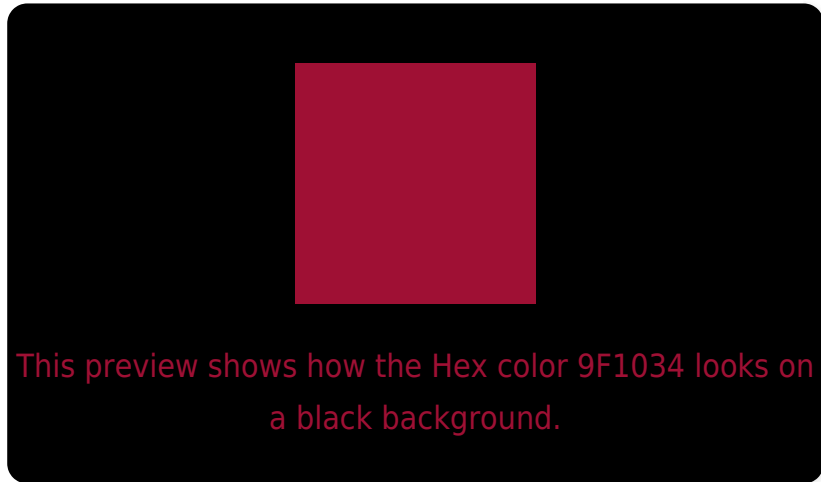
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F1034 Background



This preview shows how black text looks on a background with the Hex color 9F1034.



This preview shows how white text looks on a background with the Hex color 9F1034.

# 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**  
9F1034

**Protanopia**  
55524C

**Deuteranopia**  
644E2D



**Tritanopia**  
9E1917

# Trichromacy



**Original Color**  
9F1034

**Protanomaly**  
703A43

**Deuteranomaly**  
793730

**Tritanomaly**  
9E1622

# Monochromacy



**Original Color**  
9F1034

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
622E3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F1034 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 #9F1034 looks like.

```
.text, #text, p{  
    color:#9F1034  
}
```

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 #9F1034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F1034
}
```

## Border

The CSS property to change the border of an element to Hex 9F1034 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
#9F1034 }
```

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

```
.border{ border-color:#9F1034 }
```

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

Here you see how a box with a 4 pixel #9F1034 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F1034; -webkit-box-shadow:4px 4px  
4px 4px #9F1034; box-shadow:4px 4px 4px  
4px #9F1034 }
```

# Background

The CSS property to change the background color of an element to Hex 9F1034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F1034 }
```

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

```
.background{ background-color:#9F1034 }
```

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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