

# Converting Colors

Hex(9F1022)

Have a look what the booklet for  
Hex(9F1022) contains.

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# Color

**Hex(9F1022)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F1022
RGB	159, 16, 34
RGB Percent	62%, 6%, 13%
CMY	0.3765, 0.9373, 0.8667
CMYK	0.00, 0.90, 0.79, 0.38
HSL	352°, 82%, 34%
HSV	352°, 90%, 62%
XYZ	14.7721, 7.8570, 2.2514
YIQ	60.8090, 79.4500, 35.9140

# Conversions

## Conversions Part 2

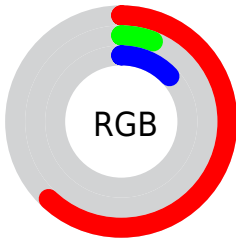
Format	Color
<a href="#">RYB</a>	<a href="#">159, 16, 34</a>
Decimal	<a href="#">10424354</a>
CIELab	<a href="#">33.68, 54.67, 30.77</a>
CIELCh	<a href="#">34, 62.736, 29.368</a>
Yxy	<a href="#">7.8570, 0.5937, 0.3158</a>
Android (android.graphics.Color)	<a href="#">4288614434</a> (0xFF9F1022)
YUV	<a href="#">60.8090, -13.2168, 86.1135</a>
Hunter-Lab	<a href="#">28.0303, 45.0171, 14.8592</a>

# Details

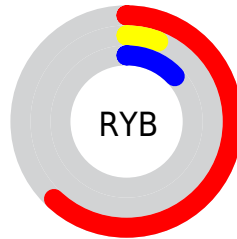
The Hex color **9F1022** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **109F8D**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **DD504F**, and **630000** is the 20% darker color. If you saturate the color by 10%, you get **9F0014**, and if you desaturate by 10%, it is **9F2030**.

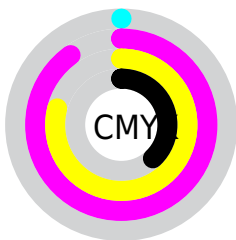
# Distribution



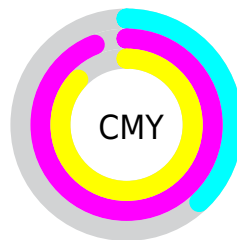
- Red (62%)
- Green (6%)
- Blue (13%)



- Red (62%)
- Yellow (6%)
- Blue (13%)



- Cyan (0%)
- Magenta (90%)
- Yellow (79%)
- Black (38%)



- Cyan (38%)
- Magenta (94%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F1022 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 9F1022 by changing the saturation by 10% instead.



 9F1022

 9F1022

FFFFFF

 81000D

 DD504F

 630000

 FC6C67

 460001

 FF8880

 290001

 FFA49A

 000000

 FFC0B5

 FFDDDD

 FFFAED

 9F1022

 9F1022

 9F0014

 9F2030

 9F303E

 9F404C

 9F505A

 9F6067

 9F6F75

 9F7F83

 9F8F91

 9F9F9F

# Harmonies

## Analogous

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



A10053



9F1022



883700

# Triad

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



9F1022



006016



0057B4

# Complementary

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



9F1022



109F8D

# 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.



0060A5



9F1022



00634D

# Square

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



9F1022



305A00



00647F



4242A7

# Rectangle

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



9F1022



704700



00647F



005BB2



# Sweetspot

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



9F1022



CF979E



8C109F



69474B



E8E8E8



696969



# Same Dimension

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



9F1022



CF001A



9F4410



4F4748



8F0012



0F0002



# Inverse Universe

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



9F1022



CF001A



106B9F



4F4748



8F0012



0F0002



# Previews

## White Background



This preview shows how the Hex color 9F1022 looks on a white background.

## Color Contrast Check

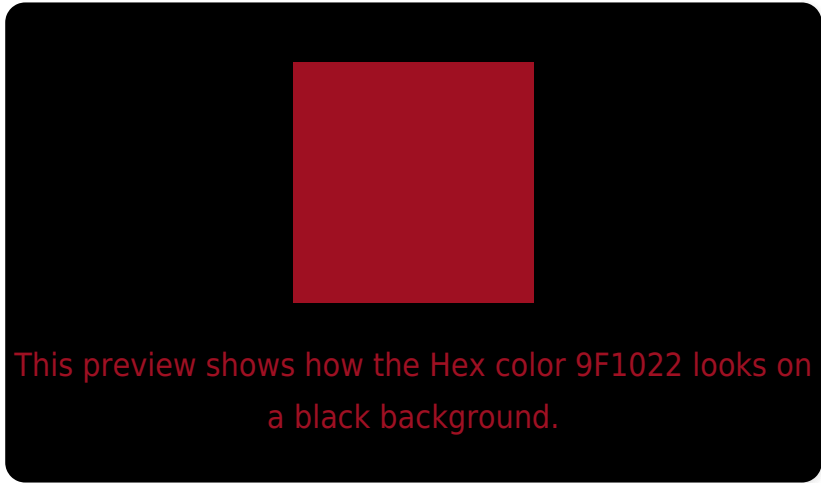
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F1022 Background



This preview shows how black text looks on a background with the Hex color 9F1022.



This preview shows how white text looks on a background with the Hex color 9F1022.

# 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**  
9F1022

**Protanopia**  
595133

**Deuteranopia**  
664D17



**Tritanopia**  
9F1410

# Trichromacy



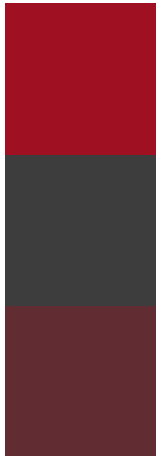
**Original Color**  
9F1022

**Protanomaly**  
72392D

**Deuteranomaly**  
7B371B

**Tritanomaly**  
9F1317

# Monochromacy



**Original Color**  
9F1022

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
612D33

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F1022 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 #9F1022 looks like.

```
.text, #text, p{  
    color:#9F1022  
}
```

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 #9F1022 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F1022
}
```

## Border

The CSS property to change the border of an element to Hex 9F1022 is called "border". The border property can be set on classes, ids or directly on the HTML element.

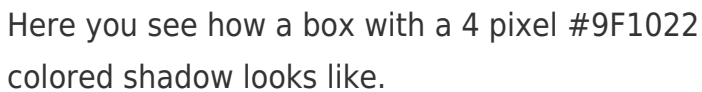
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F1022 }
```

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

```
.border{ border-color:#9F1022 }
```

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



Here you see how a box with a 4 pixel #9F1022 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F1022; -webkit-box-shadow:4px 4px  
4px 4px #9F1022; box-shadow:4px 4px 4px  
4px #9F1022 }
```

# Background

The CSS property to change the background color of an element to Hex 9F1022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F1022 }
```

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

```
.background{ background-color:#9F1022 }
```

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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