

# Converting Colors

Hex(9F1066)

Have a look what the booklet for  
Hex(9F1066) contains.

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**Color**

**Hex(9F1066)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F1066
RGB	159, 16, 102
RGB Percent	62%, 6%, 40%
CMY	0.3765, 0.9373, 0.6000
CMYK	0.00, 0.90, 0.36, 0.38
HSL	324°, 82%, 34%
HSV	324°, 90%, 62%
XYZ	16.8816, 8.7008, 13.3600
YIQ	68.5610, 57.6220, 57.0620

# Conversions

## Conversions Part 2

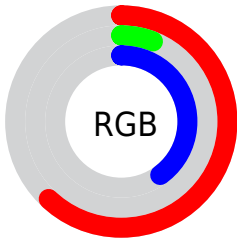
Format	Color
R <sub>Y</sub> B	159, 16, 102
Decimal	10424422
CIE Lab	35.40, 59.50, -10.76
CIE LCh	35, 60.463, 349.750
Yxy	8.7008, 0.4335, 0.2234
Android (android.graphics.Color)	4288614502 (0xFF9F1066)
YUV	68.5610, 16.4854, 79.3150
Hunter-Lab	29.4972, 50.5381, -6.2060

# Details

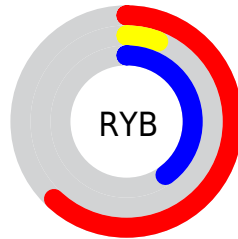
The Hex color **9F1066** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **109F49**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **DA5399**, and **660037** is the 20% darker color. If you saturate the color by 10%, you get **9F0060**, and if you desaturate by 10%, it is **9F206C**.

# Distribution



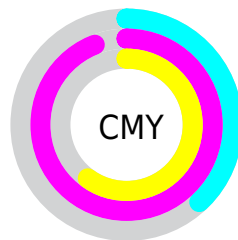
- Red (62%)
- Green (6%)
- Blue (40%)



- Red (62%)
- Yellow (6%)
- Blue (40%)



- Cyan (0%)
- Magenta (90%)
- Yellow (36%)
- Black (38%)



- Cyan (38%)
- Magenta (94%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F1066 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 9F1066 by changing the saturation by 10% instead.



 9F1066

 9F1066

FFFFFF

 82004E

 DA5399

 660037

 F86FB4

 4B0022

 FF8BCF

 310009

 FFA7EC

 000000

 FFC4FF

 FFE1FF

 9F1066

 9F1066

 9F0060

 9F206C

 9F3073

 9F4079

 9F507F

 9F6086

 9F6F8C

 9F7F92

 9F8F99

 9F9F9F

# Harmonies

## Analogous

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



7B3393



9F1066



A51236

# Triad

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



9F1066



485A00



00669D

# Complementary

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



9F1066



109F49

# 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.



006873



9F1066



006307

# Square

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



9F1066



744B00



006740



005EB4

# Rectangle

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



9F1066



9C2917



006740



006791



# Sweetspot

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



9F1066



CF97B8



47109F



69475B



E8E8E8



696969



# Same Dimension

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



9F1066



CF007C



9F1021



4F474C



8F0056



0F0009



# Inverse Universe

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



9F1066



CF007C



109F8E



4F474C



8F0056



0F0009



# Previews

## White Background



This preview shows how the Hex color 9F1066 looks on a white background.

## Color Contrast Check

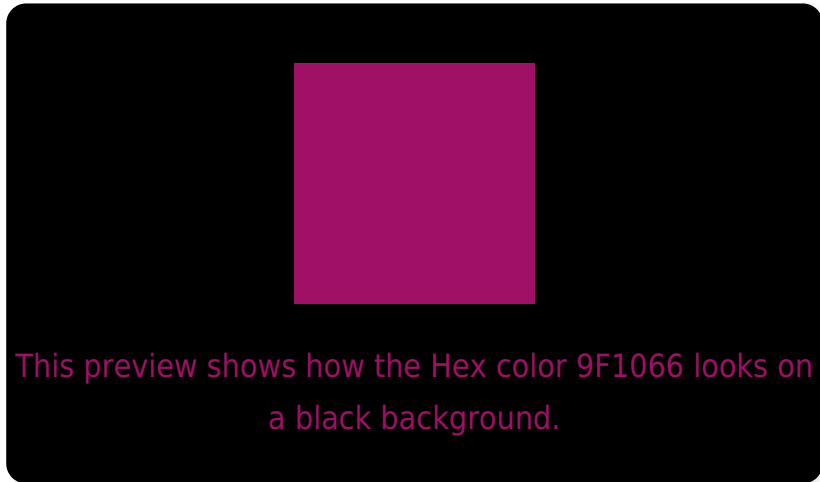
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F1066 Background



This preview shows how black text looks on a background with the Hex color 9F1066.



This preview shows how white text looks on a background with the Hex color 9F1066.

# 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





**Tritanopia**  
9B2A2C

# Trichromacy



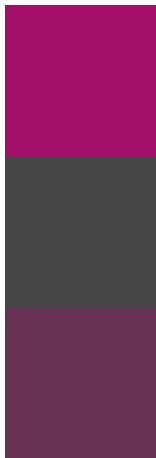
**Original Color**  
9F1066

**Protanomaly**  
603B81

**Deuteranomaly**  
723B62

**Tritanomaly**  
9C2141

# Monochromacy



**Original Color**  
9F1066

**Achromatopsia**  
454545

**Achromatomaly**  
663251

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F1066 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 #9F1066 looks like.

```
.text, #text, p{  
    color:#9F1066  
}
```

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 #9F1066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F1066
}
```

## Border

The CSS property to change the border of an element to Hex 9F1066 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".

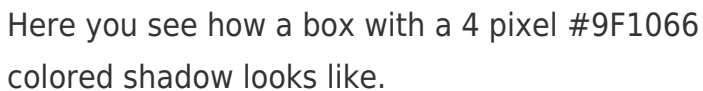
```
.border, #border, table{ border:4px solid
#9F1066 }
```

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

```
.border{ border-color:#9F1066 }
```

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

Here you see how a box with a 4 pixel #9F1066 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a dark purple border and a dark purple shadow. The shadow is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F1066; -webkit-box-shadow:4px 4px  
4px 4px #9F1066; box-shadow:4px 4px 4px  
4px #9F1066 }
```

# Background

The CSS property to change the background color of an element to Hex 9F1066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F1066 }
```

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

```
.background{ background-color:#9F1066 }
```

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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