

# Converting Colors

Hex(9F0552)

Have a look what the booklet for  
Hex(9F0552) contains.

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**Color**

**Hex(9F0552)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F0552
RGB	159, 5, 82
RGB Percent	62%, 2%, 32%
CMY	0.3765, 0.9804, 0.6784
CMYK	0.00, 0.97, 0.48, 0.38
HSL	330°, 94%, 32%
HSV	330°, 97%, 62%
XYZ	15.8753, 8.0887, 8.7072
YIQ	59.8240, 67.0670, 56.5950

# Conversions

## Conversions Part 2

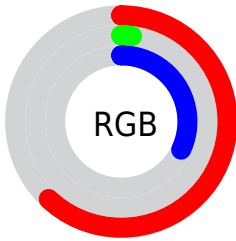
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 5, 82
Decimal	10421586
CIE <sub>Lab</sub>	34.17, 59.12, 0.33
CIE <sub>LCh</sub>	34, 59.123, 0.318
Yxy	8.0887, 0.4859, 0.2476
Android (android.graphics.Color)	4288611666 (0xFF9F0552)
YUV	59.8240, 10.9328, 86.9774
Hunter-Lab	28.4406, 49.8665, 1.7566

# Details

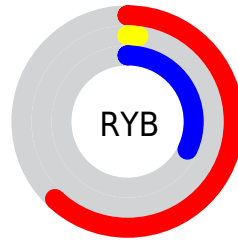
The Hex color **9F0552** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **059F52**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **DB4E83**, and **650026** is the 20% darker color. If you saturate the color by 10%, you get **9F0050**, and if you desaturate by 10%, it is **9F155A**.

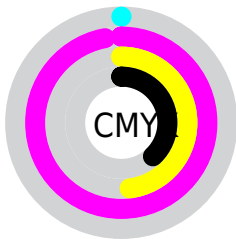
# Distribution



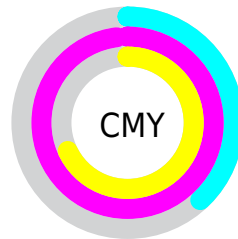
- Red (62%)
- Green (2%)
- Blue (32%)



- Red (62%)
- Yellow (2%)
- Blue (32%)



- Cyan (0%)
- Magenta (97%)
- Yellow (48%)
- Black (38%)



- Cyan (38%)
- Magenta (98%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F0552 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 9F0552 by changing the saturation by 10% instead.



 9F0552

 9F0552

FFFFFF

 82003B

 DB4E83

 650026

 F96B9D

 490011

 FF87B8

 2E0002

 FFA3D4

 000000

 FFBFF0

 FFD0FF

 FFFAFF

 9F0552

 9F0552

■ 9F0050

■ 9F155A

■ 9F2562

■ 9F356A

■ 9F4572

■ 9F557A

■ 9F6482

■ 9F748A

■ 9F8492

■ 9F949A

# Harmonies

## Analogous

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



872680



9F0552



9C1D24

# Triad

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



9F0552



325B00



0061A2

# Complementary

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



9F0552



059F52

# 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.



00647F



9F0552



00611D

# Square

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



9F0552



634F00



006450



0057B0

# Rectangle

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



9F0552



8F3201



006450



006299



# Sweetspot

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



9F0552



CF93B1



52059F



694456



E8E8E8



696969



# Same Dimension

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



9F0552



CF0067



9F0505



4F474B



8F0047



0F0008



# Inverse Universe

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



9F0552



CF0067



059F9F



4F474B



8F0047



0F0008



# Previews

## White Background



This preview shows how the Hex color 9F0552 looks on a white background.

## Color Contrast Check

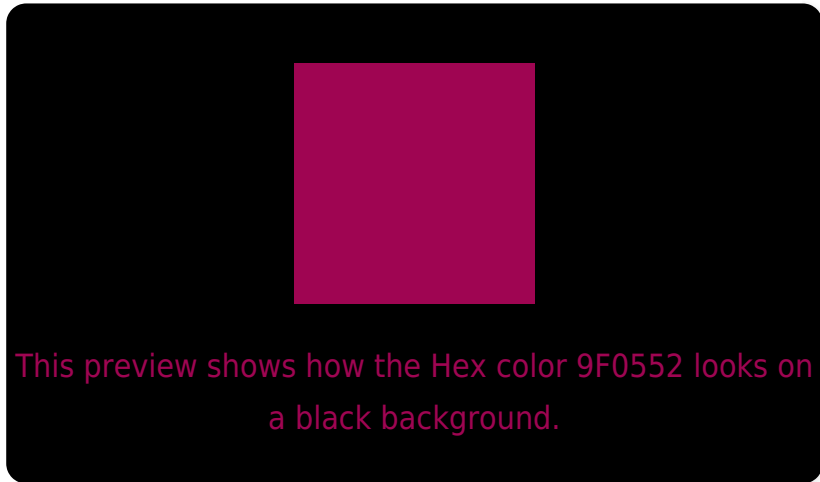
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F0552 Background



This preview shows how black text looks on a background with the Hex color 9F0552.



This preview shows how white text looks on a background with the Hex color 9F0552.

# 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**  
9F0552

**Protanopia**  
475276

**Deuteranopia**  
5E504B



**Tritanopia**  
9D2121

# Trichromacy



**Original Color**  
9F0552

**Protanomaly**  
673669

**Deuteranomaly**  
76354E

**Tritanomaly**  
9E1733

# Monochromacy



**Original Color**  
9F0552

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
602844

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F0552 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 #9F0552 looks like.

```
.text, #text, p{  
    color:#9F0552  
}
```

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 #9F0552 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F0552
}
```

## Border

The CSS property to change the border of an element to Hex 9F0552 is called "border". The border property can be set on classes, ids or directly on the HTML element.

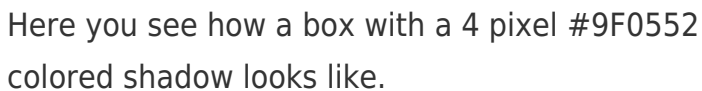
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F0552 }
```

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

```
.border{ border-color:#9F0552 }
```

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



Here you see how a box with a 4 pixel #9F0552 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F0552; -webkit-box-shadow:4px 4px  
4px 4px #9F0552; box-shadow:4px 4px 4px  
4px #9F0552 }
```

# Background

The CSS property to change the background color of an element to Hex 9F0552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F0552 }
```

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

```
.background{ background-color:#9F0552 }
```

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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