

# Converting Colors

Hex(9B0F55)

Have a look what the booklet for  
Hex(9B0F55) contains.

<b>Hex(9B0F55)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(9B0F55)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B0F55
RGB	155, 15, 85
RGB Percent	61%, 6%, 33%
CMY	0.3922, 0.9412, 0.6667
CMYK	0.00, 0.90, 0.45, 0.39
HSL	330°, 82%, 33%
HSV	330°, 90%, 61%
XYZ	15.3281, 7.9661, 9.3241
YIQ	64.8400, 60.9700, 51.4500

# Conversions

## Conversions Part 2

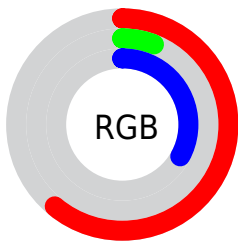
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 15, 85
Decimal	10162005
CIELab	33.91, 57.02, -2.10
CIElCh	34, 57.057, 357.892
Yxy	7.9661, 0.4699, 0.2442
Android (android.graphics.Color)	4288352085 (0xFF9B0F55)
YUV	64.8400, 9.9389, 79.0703
Hunter-Lab	28.2243, 47.5477, 0.1702

# Details

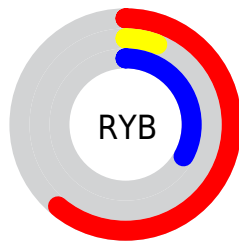
The Hex color **9B0F55** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **0F9B55**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **D65186**, and **620028** is the 20% darker color. If you saturate the color by 10%, you get **9B004E**, and if you desaturate by 10%, it is **9B1F5D**.

# Distribution



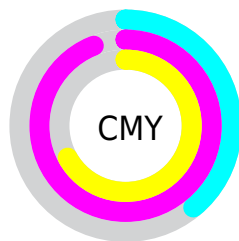
- Red (61%)
- Green (6%)
- Blue (33%)



- Red (61%)
- Yellow (6%)
- Blue (33%)



- Cyan (0%)
- Magenta (90%)
- Yellow (45%)
- Black (39%)



- Cyan (39%)
- Magenta (94%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B0F55 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 9B0F55 by changing the saturation by 10% instead.





9B0F55



9B0F55

FFFFFF



7E003E



D65186



620028



F46DA1



460014



FF88BC



2B0001



FFA5D7



000000



FFC1F4



FFDEFF



FFFCFF



9B0F55



9B0F55

■ 9B004E

■ 9B1F5D

■ 9B2E65

■ 9B3E6C

■ 9B4D74

■ 9B5D7C

■ 9B6C84

■ 9B7C8B

■ 9B8B93

■ 9B9B9B

# Harmonies

## Analogous

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



812A81



9B0F55



9A1D29

# Triad

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



9B0F55



385900



00609D

# Complementary

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



9B0F55



0F9B55

# 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.



006379



9B0F55



00601A

# Square

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



9B0F55



654D00



00634B



0057AB

# Rectangle

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



9B0F55



8F3009



00634B



006193



# Sweetspot

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



9B0F55



C993AE



550F9B



664556



E6E6E6



666666



# Same Dimension

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



9B0F55



C90065



9B0F0F



4D4549



8C0046



0D0006



# Inverse Universe

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



9B0F55



C90065



0F9B9B



4D4549



8C0046



0D0006



# Previews

## White Background



This preview shows how the Hex color 9B0F55 looks on a white background.

## Color Contrast Check

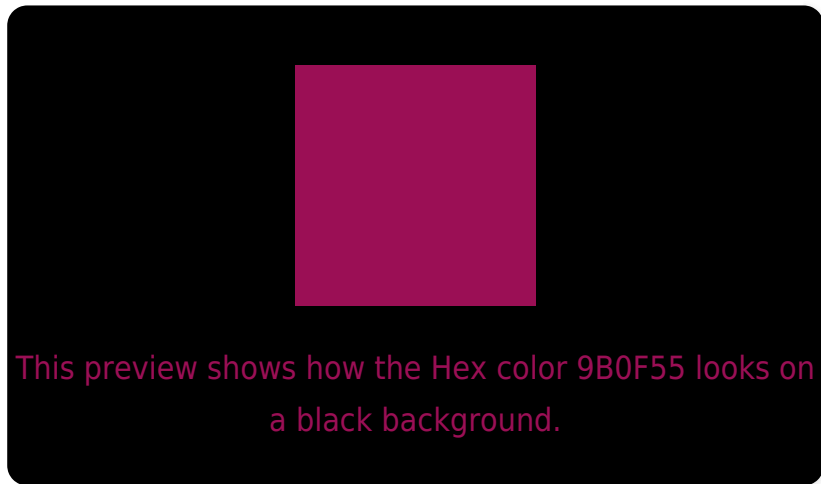
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B0F55 Background



This preview shows how black text looks on a background with the Hex color 9B0F55.

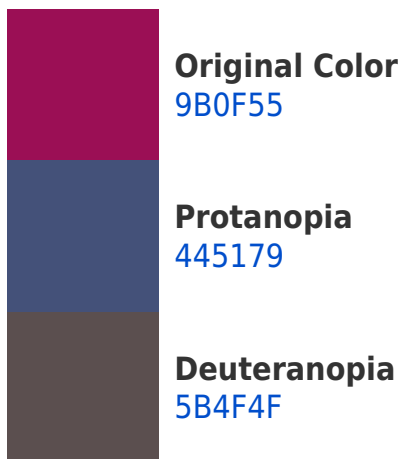


This preview shows how white text looks on a background with the Hex color 9B0F55.

# 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





# Trichromacy



**Original Color**  
9B0F55

**Protanomaly**  
64396C

**Deuteranomaly**  
723851

**Tritanomaly**  
991C36

# Monochromacy



**Original Color**  
9B0F55

**Achromatopsia**  
414141

**Achromatomaly**  
622F48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B0F55 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 #9B0F55 looks like.

```
.text, #text, p{  
    color:#9B0F55  
}
```

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 #9B0F55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B0F55
}
```

## Border

The CSS property to change the border of an element to Hex 9B0F55 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
#9B0F55 }
```

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

```
.border{ border-color:#9B0F55 }
```

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

Here you see how a box with a 4 pixel #9B0F55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B0F55; -webkit-box-shadow:4px 4px  
4px 4px #9B0F55; box-shadow:4px 4px 4px  
4px #9B0F55 }
```

# Background

The CSS property to change the background color of an element to Hex 9B0F55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B0F55 }
```

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

```
.background{ background-color:#9B0F55 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor