

# Converting Colors

Hex(9A175D)

Have a look what the booklet for  
Hex(9A175D) contains.

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# Color

**Hex(9A175D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A175D
RGB	154, 23, 93
RGB Percent	60%, 9%, 36%
CMY	0.3961, 0.9098, 0.6353
CMYK	0.00, 0.85, 0.40, 0.40
HSL	328°, 74%, 35%
HSV	328°, 85%, 60%
XYZ	15.6086, 8.2731, 11.1301
YIQ	70.1490, 55.6060, 49.5420

# Conversions

## Conversions Part 2

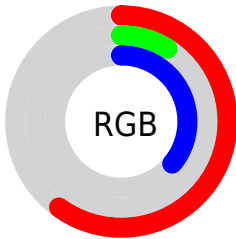
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	154, 23, 93
Decimal	10098525
CIE Lab	34.55, 55.94, -6.37
CIE LCh	35, 56.301, 353.507
Yxy	8.2731, 0.4458, 0.2363
Android (android.graphics.Color)	4288288605 (0xFF9A175D)
YUV	70.1490, 11.2655, 73.5373
Hunter-Lab	28.7631, 46.5298, -2.8087

# Details

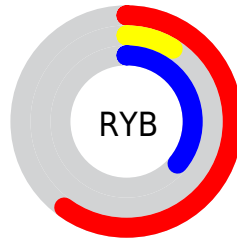
The Hex color **9A175D** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **179A54**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **D4558F**, and **61002F** is the 20% darker color. If you saturate the color by 10%, you get **9A0856**, and if you desaturate by 10%, it is **9A2664**.

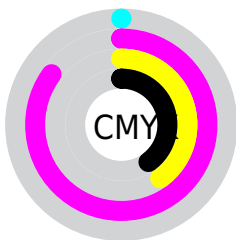
# Distribution



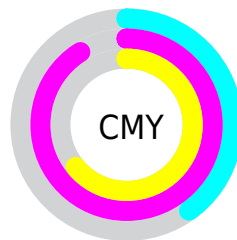
- Red (60%)
- Green (9%)
- Blue (36%)



- Red (60%)
- Yellow (9%)
- Blue (36%)



- Cyan (0%)
- Magenta (85%)
- Yellow (40%)
- Black (40%)



- Cyan (40%)
- Magenta (91%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A175D 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 9A175D by changing the saturation by 10% instead.



 9A175D

 9A175D

FFFFFF

 7D0045

 D4558F

 61002F

 F270AA

 46001B

 FF8CC5

 2C0001

 FFA8E1

 000000

 FFC4FD

 FFE1FF

 9A175D

 9A175D

 9A0856

 9A2664

■ 9A0052

■ 9A366B

■ 9A4573

■ 9A557A

■ 9A6481

■ 9A7388

■ 9A838F

■ 9A9296

■ 9AA29E

# Harmonies

## Analogous

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



7C3187



9A175D



9D1D31

# Triad

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



9A175D



425900



006299

# Complementary

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



9A175D



179A54

# 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.



006474



9A175D



006015

# Square

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



9A175D



6C4C00



006446



005AAB

# Rectangle

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



9A175D



932F14



006446



00638F



# Sweetspot

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



9A175D



C995B1



52179A



664657



E6E6E6



666666



# Same Dimension

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



9A175D



C9006C



9A171E



4D4549



8C004B



0D0007



# Inverse Universe

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



9A175D



C9006C



179A93



4D4549



8C004B



0D0007



# Previews

## White Background



This preview shows how the Hex color 9A175D looks on a white background.

## Color Contrast Check

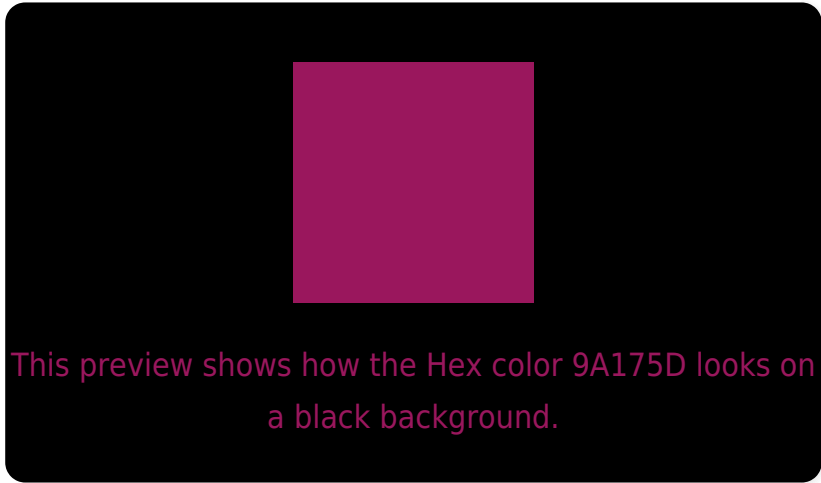
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A175D Background



This preview shows how black text looks on a background with the Hex color 9A175D.



This preview shows how white text looks on a background with the Hex color 9A175D.

# 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



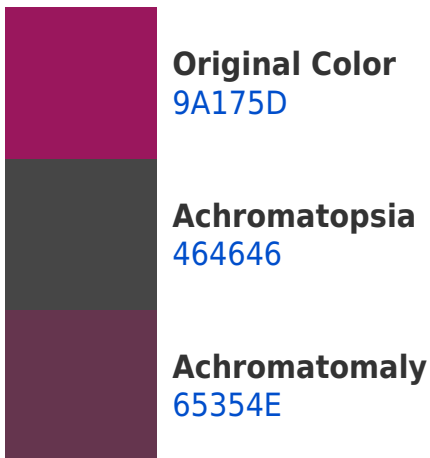


**Tritanopia**  
97292B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A175D 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 #9A175D looks like.

```
.text, #text, p{  
    color:#9A175D  
}
```

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 #9A175D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A175D
}
```

## Border

The CSS property to change the border of an element to Hex 9A175D is called "border". The border property can be set on classes, ids or directly on the HTML element.

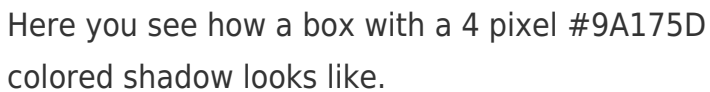
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A175D }
```

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

```
.border{ border-color:#9A175D }
```

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



Here you see how a box with a 4 pixel #9A175D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A175D; -webkit-box-shadow:4px 4px  
4px 4px #9A175D; box-shadow:4px 4px 4px  
4px #9A175D }
```

# Background

The CSS property to change the background color of an element to Hex 9A175D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A175D }
```

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

```
.background{ background-color:#9A175D }
```

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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