

# Converting Colors

Hex(9C184A)

Have a look what the booklet for  
Hex(9C184A) contains.

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# Color

**Hex(9C184A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C184A
RGB	156, 24, 74
RGB Percent	61%, 9%, 29%
CMY	0.3882, 0.9059, 0.7098
CMYK	0.00, 0.85, 0.53, 0.39
HSL	337°, 73%, 35%
HSV	337°, 85%, 61%
XYZ	15.2730, 8.2156, 7.2594
YIQ	69.1680, 62.6220, 43.5340

# Conversions

## Conversions Part 2

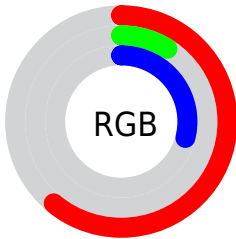
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">156, 24, 74</a>
Decimal	<a href="#">10229834</a>
CIELab	<a href="#">34.43, 54.47, 5.85</a>
CIElCh	<a href="#">34, 54.782, 6.127</a>
Yxy	<a href="#">8.2156, 0.4967, 0.2672</a>
Android (android.graphics.Color)	<a href="#">4288419914 (0xFF9C184A)</a>
YUV	<a href="#">69.1680, 2.3822, 76.1517</a>
Hunter-Lab	<a href="#">28.6629, 44.9534, 5.0478</a>

# Details

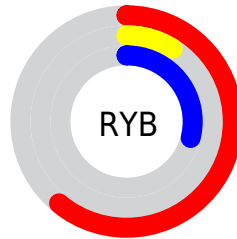
The Hex color **9C184A** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **189C6A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **D7557A**, and **62001F** is the 20% darker color. If you saturate the color by 10%, you get **9C0840**, and if you desaturate by 10%, it is **9C2854**.

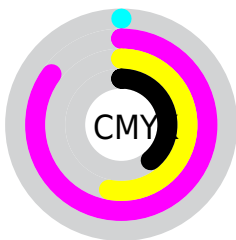
# Distribution



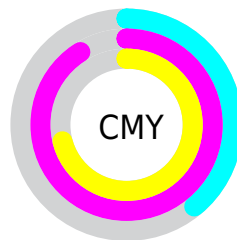
- Red (61%)
- Green (9%)
- Blue (29%)



- Red (61%)
- Yellow (9%)
- Blue (29%)



- Cyan (0%)
- Magenta (85%)
- Yellow (53%)
- Black (39%)



- Cyan (39%)
- Magenta (91%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C184A 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 9C184A by changing the saturation by 10% instead.



 9C184A

 9C184A

FFFFFF

 7F0034

 D7557A

 62001F

 F67094

 470005

 FF8CAF

 2B0001

 FFA8CA

 000000

 FFC4E6

 FFE1FF

 9C184A

 9C184A

 9C0840

 9C2854

 9C003B

 9C375D

 9C4767

 9C5671

 9C667A

 9C7684

 9C858E

 9C9598

 9CA4A1

# Harmonies

## Analogous

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



8B2775



9C184A



962A20

# Triad

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



9C184A



2B5C00



005FA1

# Complementary

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



9C184A



189C6A

# 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.



006384



9C184A



00622B

# Square

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



9C184A



5B5200



006459



0054A9

# Rectangle

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



9C184A



883A00



006459



006199



# Sweetspot

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



9C184A



CC99AC



69189C



664753



E6E6E6



666666



# Same Dimension

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



9C184A



CC004D



9C2718



4F474A



8F0036



0F0006



# Inverse Universe

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



9C184A



CC004D



188D9C



4F474A



8F0036



0F0006



# Previews

## White Background



This preview shows how the Hex color 9C184A looks on a white background.

## Color Contrast Check

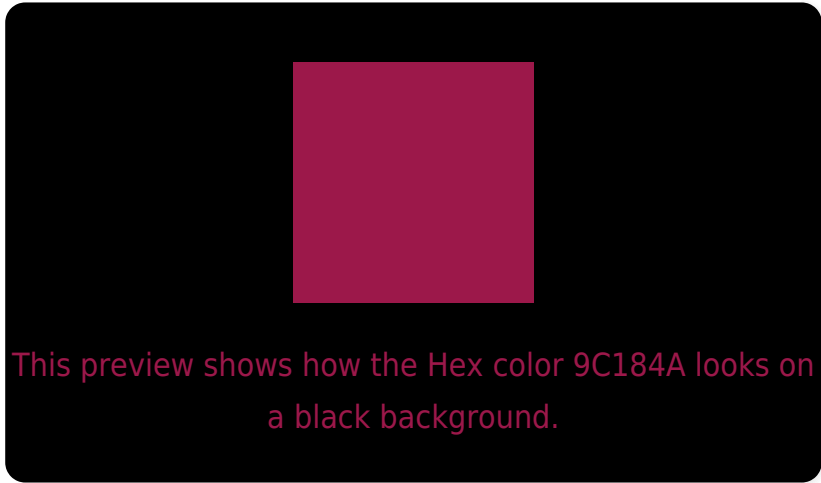
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C184A Background



This preview shows how black text looks on a background with the Hex color 9C184A.



This preview shows how white text looks on a background with the Hex color 9C184A.

# 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**  
9C184A

**Protanopia**  
4D5268

**Deuteranopia**  
604F44



**Tritanopia**  
9A2425

# Trichromacy



**Original Color**  
9C184A

**Protanomaly**  
6A3D5D

**Deuteranomaly**  
763B46

**Tritanomaly**  
9B2032

# Monochromacy



**Original Color**  
9C184A

**Achromatopsia**  
454545

**Achromatomaly**  
653547

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C184A 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 #9C184A looks like.

```
.text, #text, p{  
    color:#9C184A  
}
```

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 #9C184A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C184A
}
```

## Border

The CSS property to change the border of an element to Hex 9C184A is called "border". The border property can be set on classes, ids or directly on the HTML element.

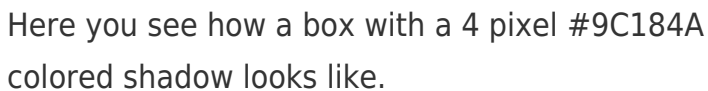
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C184A }
```

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

```
.border{ border-color:#9C184A }
```

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



Here you see how a box with a 4 pixel #9C184A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C184A; -webkit-box-shadow:4px 4px  
4px 4px #9C184A; box-shadow:4px 4px 4px  
4px #9C184A }
```

# Background

The CSS property to change the background color of an element to Hex 9C184A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C184A }
```

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

```
.background{ background-color:#9C184A }
```

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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