

Converting Colors

Hex(9A1849)

Have a look what the booklet for
Hex(9A1849) contains.

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Color

Hex(9A1849)

Conversions

Conversions Part 1

Format	Color
Hex	9A1849
RGB	154, 24, 73
RGB Percent	60%, 9%, 29%
CMY	0.3961, 0.9059, 0.7137
CMYK	0.00, 0.84, 0.53, 0.40
HSL	337°, 73%, 35%
HSV	337°, 84%, 60%
XYZ	14.8557, 8.0043, 7.0653
YIQ	68.4560, 61.7510, 42.7990

Conversions

Conversions Part 2

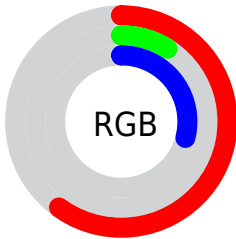
Format	Color
R_{YB}	154, 24, 73
Decimal	10098761
CIE _{Lab}	33.99, 53.85, 5.82
CIE _{LCh}	34, 54.164, 6.173
Yxy	8.0043, 0.4964, 0.2675
Android (android.graphics.Color)	4288288841 (0xFF9A1849)
YUV	68.4560, 2.2402, 75.0221
Hunter-Lab	28.2919, 44.2167, 4.9979

Details

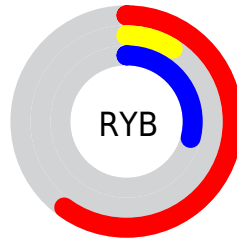
The Hex color **9A1849** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **189A69**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **D55479**, and **60001E** is the 20% darker color. If you saturate the color by 10%, you get **9A093F**, and if you desaturate by 10%, it is **9A2753**.

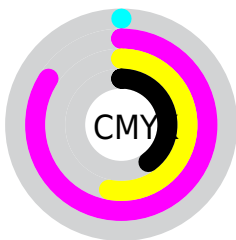
Distribution



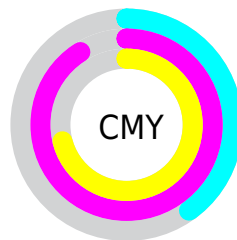
- Red (60%)
- Green (9%)
- Blue (29%)



- Red (60%)
- Yellow (9%)
- Blue (29%)



- Cyan (0%)
- Magenta (84%)
- Yellow (53%)
- Black (40%)



- Cyan (40%)
- Magenta (91%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A1849 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 9A1849 by changing the saturation by 10% instead.



9A1849



9A1849

FFFFFF



7D0033



D55479



60001E



F47093



460003



FF8BAD



290001



FFA7C9



000000



FFC4E5



FFE1FF



FFFEFF



9A1849



9A1849

■ 9A093F

■ 9A2753

■ 9A003A

■ 9A375C

■ 9A4666

■ 9A566F

■ 9A6579

■ 9A7483

■ 9A848C

■ 9A9396

■ 9AA39F

Harmonies

Analogous

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



892774



9A1849



942A1F

Triad

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



9A1849



2B5B00



005E9F

Complementary

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



9A1849



189A69

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.



006282



9A1849



00602B

Square

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



9A1849



5A5100



006258



0053A6

Rectangle

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



9A1849



863900



006258



006097

Sweetspot

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



9A1849



C997AA



68189A



664753



E6E6E6



666666

Same Dimension

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



9A1849



C9004C



9A2718



4D4548



8C0035



0D0005

Inverse Universe

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



9A1849



C9004C



188B9A



4D4548



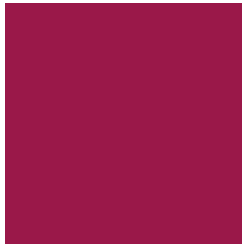
8C0035



0D0005

Previews

White Background



This preview shows how the Hex color 9A1849 looks on a white background.

Color Contrast Check

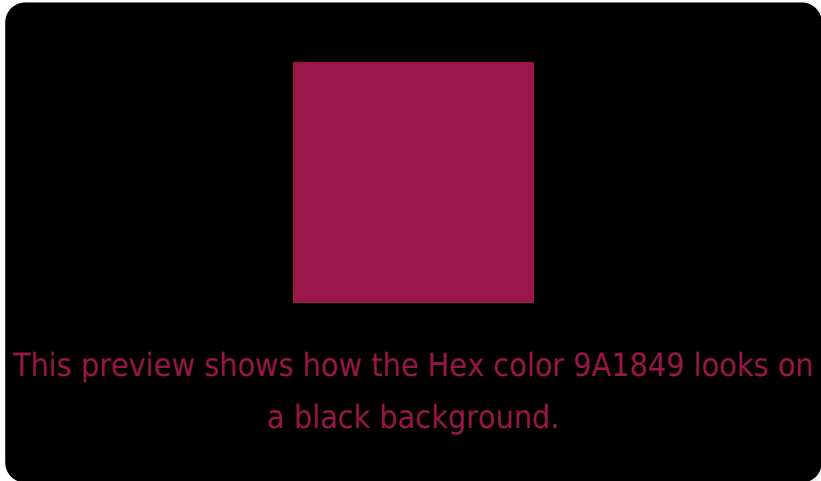
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A1849 Background



This preview shows how black text looks on a background with the Hex color 9A1849.



This preview shows how white text looks on a background with the Hex color 9A1849.

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
9A1849

Protanopia
4D5166

Deuteranopia
5F4E43



Tritanopia
982424

Trichromacy



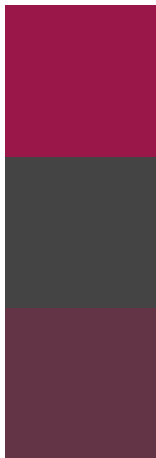
Original Color
9A1849

Protanomaly
693C5B

Deuteranomaly
743A45

Tritanomaly
992031

Monochromacy



Original Color
9A1849

Achromatopsia
444444

Achromatomaly
633446

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A1849 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 #9A1849 looks like.

```
.text, #text, p{  
    color:#9A1849  
}
```

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 #9A1849 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A1849
}
```

Border

The CSS property to change the border of an element to Hex 9A1849 is called "border". The border property can be set on classes, ids or directly on the HTML element.

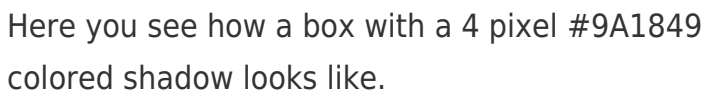
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A1849 }
```

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

```
.border{ border-color:#9A1849 }
```

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



Here you see how a box with a 4 pixel #9A1849 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A1849; -webkit-box-shadow:4px 4px  
4px 4px #9A1849; box-shadow:4px 4px 4px  
4px #9A1849 }
```

Background

The CSS property to change the background color of an element to Hex 9A1849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A1849 }
```

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

```
.background{ background-color:#9A1849 }
```

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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