

Converting Colors

Hex(9C1A84)

Have a look what the booklet for
Hex(9C1A84) contains.

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Color

Hex(9C1A84)

Conversions

Conversions Part 1

Format	Color
Hex	9C1A84
RGB	156, 26, 132
RGB Percent	61%, 10%, 52%
CMY	0.3882, 0.8980, 0.4824
CMYK	0.00, 0.83, 0.15, 0.39
HSL	311°, 71%, 36%
HSV	311°, 83%, 61%
XYZ	18.2446, 9.4727, 22.6966
YIQ	76.9540, 43.4540, 60.5260

Conversions

Conversions Part 2

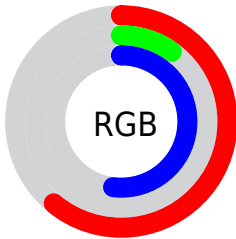
Format	Color
R_{YB}	156, 26, 132
Decimal	10230404
CIE _{Lab}	36.88, 60.50, -27.41
CIE _{LCh}	37, 66.422, 335.623
Yxy	9.4727, 0.3619, 0.1879
Android (android.graphics.Color)	4288420484 (0xFF9C1A84)
YUV	76.9540, 27.1377, 69.3233
Hunter-Lab	30.7777, 51.9513, -22.1783

Details

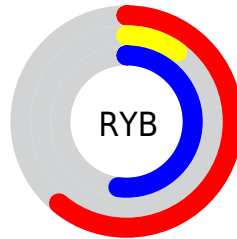
The Hex color **9C1A84** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **1A9C32**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **D658B9**, and **640052** is the 20% darker color. If you saturate the color by 10%, you get **9C0A81**, and if you desaturate by 10%, it is **9C2A87**.

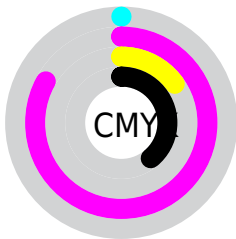
Distribution



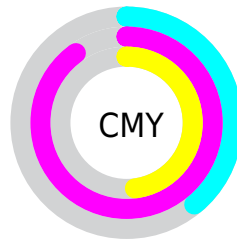
- Red (61%)
- Green (10%)
- Blue (52%)



- Red (61%)
- Yellow (10%)
- Blue (52%)



- Cyan (0%)
- Magenta (83%)
- Yellow (15%)
- Black (39%)



- Cyan (39%)
- Magenta (90%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C1A84 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 9C1A84 by changing the saturation by 10% instead.

 9C1A84

 9C1A84

FFFFFF

 80006B

 D658B9

 640052

 F374D5

 49003B

 FF90F2

 310025

 FFACFF

 05000C

 FFC9FF

 000000

 FFE6FF

 9C1A84

 9C1A84

 9C0A81

 9C2A87

■ 9C007F

■ 9C398A

■ 9C498D

■ 9C5890

■ 9C6892

■ 9C7895

■ 9C8798

■ 9C979B

■ 9CA69E

Harmonies

Analogous

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



5F43AF



9C1A84



B1004F

Triad

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



9C1A84



625800



006C94

Complementary

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



9C1A84



1A9C32

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.



006D60



9C1A84



246400

Square

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



9C1A84



8C4200



006A27



0068B9

Rectangle

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



9C1A84



AE0B2D



006A27



006D84

Sweetspot

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



9C1A84



CC99C3



321A9C



664760



E6E6E6



666666

Same Dimension

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



9C1A84



CC00A6



9C1A43



4F474E



8F0074



0F000C

Inverse Universe

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



9C1A84



CC00A6



1A9C73



4F474E



8F0074



0F000C

Previews

White Background



This preview shows how the Hex color 9C1A84 looks on a white background.

Color Contrast Check

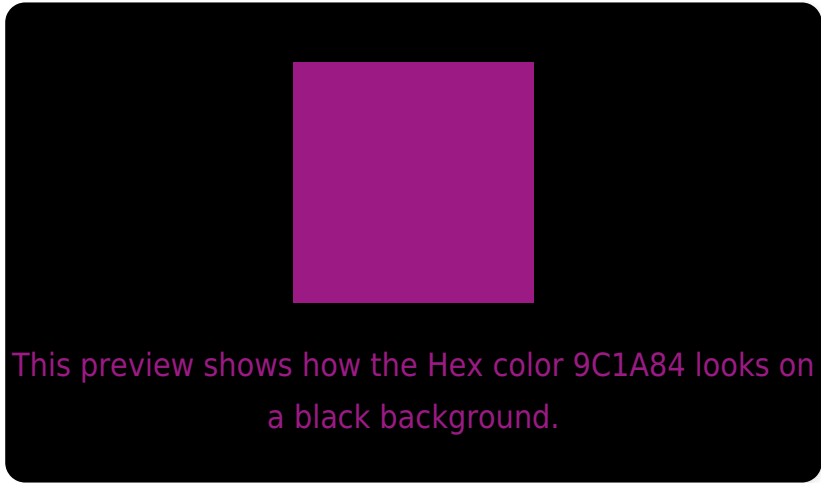
Large Text (above 18pt) WCAG AA ✓ Pass

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

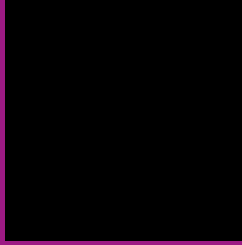
Any Text WCAG AA × Fail

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 9C1A84 Background



This preview shows how black text looks on a background with the Hex color 9C1A84.

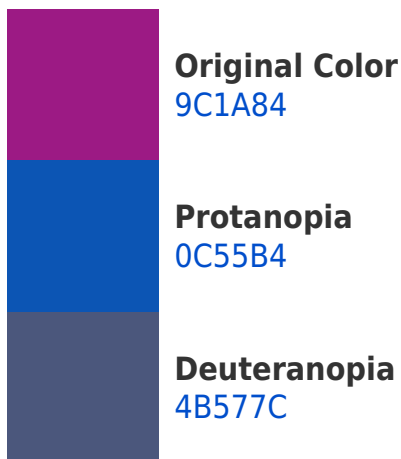



This preview shows how white text looks on a background with the Hex color 9C1A84.

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
95383C

Trichromacy



Original Color
9C1A84



Protanomaly
4040A3



Deuteranomaly
68417F

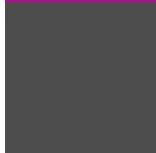


Tritanomaly
982D56

Monochromacy



Original Color
9C1A84



Achromatopsia
4D4D4D



Achromatomaly
6A3A61

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C1A84 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 #9C1A84 looks like.

```
.text, #text, p{  
    color:#9C1A84  
}
```

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 #9C1A84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C1A84
}
```

Border

The CSS property to change the border of an element to Hex 9C1A84 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
#9C1A84 }
```

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

```
.border{ border-color:#9C1A84 }
```

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

Here you see how a box with a 4 pixel #9C1A84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C1A84; -webkit-box-shadow:4px 4px  
4px 4px #9C1A84; box-shadow:4px 4px 4px  
4px #9C1A84 }
```

Background

The CSS property to change the background color of an element to Hex 9C1A84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C1A84 }
```

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

```
.background{ background-color:#9C1A84 }
```

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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