

Converting Colors

Hex(9D1B85)

Have a look what the booklet for
Hex(9D1B85) contains.

Hex(9D1B85)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9D1B85)

Conversions

Conversions Part 1

Format	Color
Hex	9D1B85
RGB	157, 27, 133
RGB Percent	62%, 11%, 52%
CMY	0.3843, 0.8941, 0.4784
CMYK	0.00, 0.83, 0.15, 0.38
HSL	311°, 71%, 36%
HSV	311°, 83%, 62%
XYZ	18.5302, 9.6454, 23.0754
YIQ	77.9540, 43.4540, 60.5260

Conversions

Conversions Part 2

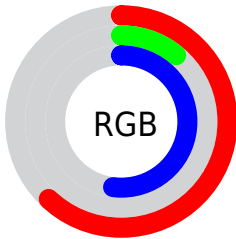
Format	Color
R_{YB}	157, 27, 133
Decimal	10296197
CIE _{Lab}	37.20, 60.62, -27.52
CIE _{LCh}	37, 66.575, 335.583
Yxy	9.6454, 0.3616, 0.1882
Android (android.graphics.Color)	4288486277 (0xFF9D1B85)
YUV	77.9540, 27.1377, 69.3233
Hunter-Lab	31.0571, 52.1521, -22.3125

Details

The Hex color **9D1B85** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **1B9D33**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **D759BA**, and **650053** is the 20% darker color. If you saturate the color by 10%, you get **9D0B82**, and if you desaturate by 10%, it is **9D2B88**.

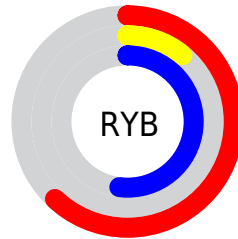
Distribution



Red (62%)

Green (11%)

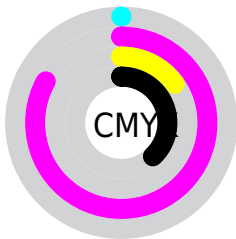
Blue (52%)



Red (62%)

Yellow (11%)

Blue (52%)

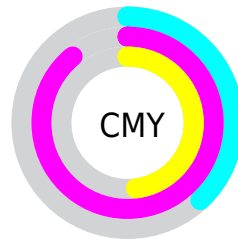


Cyan (0%)

Magenta (83%)

Yellow (15%)

Black (38%)



Cyan (38%)

Magenta (89%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9D1B85 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 9D1B85 by changing the saturation by 10% instead.

 9D1B85

 9D1B85

FFFFFF

 81006C

 D759BA

 650053

 F575D6

 4A003B

 FF91F3

 320026

 FFADFF

 08000D

 FFCAFF

 000000

 FFE7FF

 9D1B85

 9D1B85

 9D0B82

 9D2B88

■ 9D0080

■ 9D3A8B

■ 9D4A8E

■ 9D5A91

■ 9D6A93

■ 9D7996

■ 9D8999

■ 9D999C

■ 9DA89F

Harmonies

Analogous

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



5F43B0



9D1B85



B20050

Triad

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



9D1B85



635900



006D95

Complementary

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



9D1B85



1B9D33

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.



006D61



9D1B85



256500

Square

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



9D1B85



8D4300



006B27



0069BA

Rectangle

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



9D1B85



B00D2D



006B27



006E85

Sweetspot

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



9D1B85



CC99C3



331B9D



664760



E6E6E6



666666

Same Dimension

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



9D1B85



CC02A7



9D1B44



4F474E



8F0074



0F000C

Inverse Universe

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



9D1B85



CC02A7



1B9D74



4F474E



8F0074



0F000C

Previews

White Background



This preview shows how the Hex color 9D1B85 looks on a white background.

Color Contrast Check

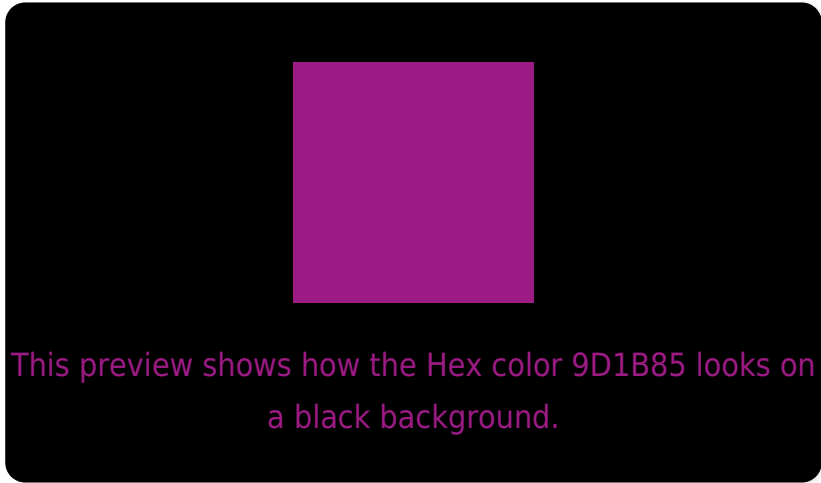
Large Text (above 18pt) WCAG AA ✓ Pass

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

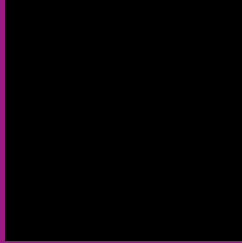
Any Text WCAG AA × Fail

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 9D1B85 Background



This preview shows how black text looks on a background with the Hex color 9D1B85.

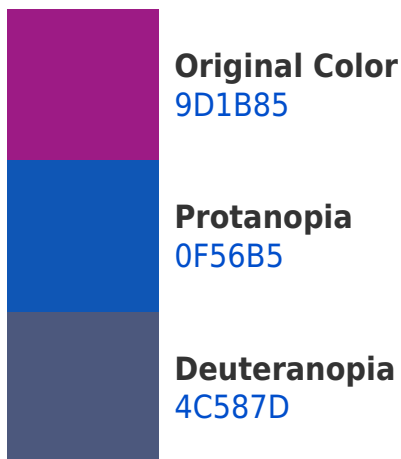



This preview shows how white text looks on a background with the Hex color 9D1B85.

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
96393C

Trichromacy



Original Color
9D1B85



Protanomaly
4341A4



Deuteranomaly
694280

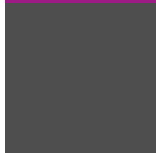


Tritanomaly
992E57

Monochromacy



Original Color
9D1B85



Achromatopsia
4E4E4E



Achromatomaly
6B3B62

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D1B85 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 #9D1B85 looks like.

```
.text, #text, p{  
    color:#9D1B85  
}
```

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 #9D1B85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D1B85
}
```

Border

The CSS property to change the border of an element to Hex 9D1B85 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
#9D1B85 }
```

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

```
.border{ border-color:#9D1B85 }
```

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

Here you see how a box with a 4 pixel #9D1B85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D1B85; -webkit-box-shadow:4px 4px  
4px 4px #9D1B85; box-shadow:4px 4px 4px  
4px #9D1B85 }
```

Background

The CSS property to change the background color of an element to Hex 9D1B85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D1B85 }
```

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

```
.background{ background-color:#9D1B85 }
```

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