

Converting Colors

Hex(9D0E83)

Have a look what the booklet for
Hex(9D0E83) contains.

Hex(9D0E83)	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>	28

Color

Hex(9D0E83)

Conversions

Conversions Part 1

Format	Color
Hex	9D0E83
RGB	157, 14, 131
RGB Percent	62%, 5%, 51%
CMY	0.3843, 0.9451, 0.4863
CMYK	0.00, 0.91, 0.17, 0.38
HSL	311°, 84%, 34%
HSV	311°, 91%, 62%
XYZ	18.1584, 9.1209, 22.2762
YIQ	70.0950, 47.6710, 66.7030

Conversions

Conversions Part 2

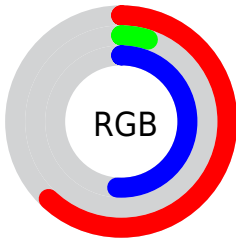
Format	Color
RYB	157, 14, 131
Decimal	10292867
CIELab	36.22, 62.90, -27.82
CIElCh	36, 68.781, 336.141
Yxy	9.1209, 0.3664, 0.1841
Android (android.graphics.Color)	4288482947 (0xFF9D0E83)
YUV	70.0950, 30.0262, 76.2157
Hunter-Lab	30.2008, 54.4729, -22.5919

Details

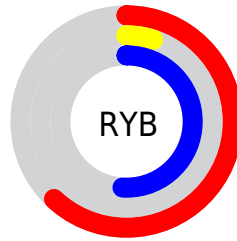
The Hex color **9D0E83** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **0E9D28**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **D753B8**, and **650051** is the 20% darker color. If you saturate the color by 10%, you get **9D0080**, and if you desaturate by 10%, it is **9D1E86**.

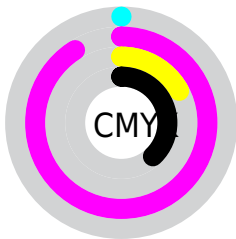
Distribution



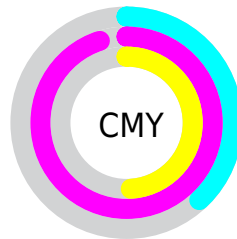
- Red (62%)
- Green (5%)
- Blue (51%)



- Red (62%)
- Yellow (5%)
- Blue (51%)



- Cyan (0%)
- Magenta (91%)
- Yellow (17%)
- Black (38%)



- Cyan (38%)
- Magenta (95%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D0E83 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 9D0E83 by changing the saturation by 10% instead.

9D0E83

9D0E83

FFFFFF

81006A

D753B8

650051

F56FD4

4A003A

FF8CF1

300024

FFA8FF

04000A

FFC5FF

000000

FFE2FF

9D0E83

9D0E83

9D0080

9D1E86

 9D2D89

 9D3D8C

 9D4D8E

 9D5D91

 9D6C94

 9D7C97

 9D8C9A

 9D9B9D

Harmonies

Analogous

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



5E3FB0



9D0E83



B2004D

Triad

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



9D0E83



5F5700



006B96

Complementary

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



9D0E83



0E9D28

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.



006B60



9D0E83



1D6300

Square

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



9D0E83



8B4000



006924



0067BB

Rectangle

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



9D0E83



AF0029



006924



006C85

Sweetspot

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



9D0E83



CC95C2



260E9D



664560



E6E6E6



666666

Same Dimension

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



9D0E83



CC00A7



9D0E3E



4F474E



8F0075



0F000D

Inverse Universe

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



9D0E83



CC00A7



0E9D6D



4F474E



8F0075



0F000D

Previews

White Background



This preview shows how the Hex color 9D0E83 looks on a white background.

Color Contrast Check

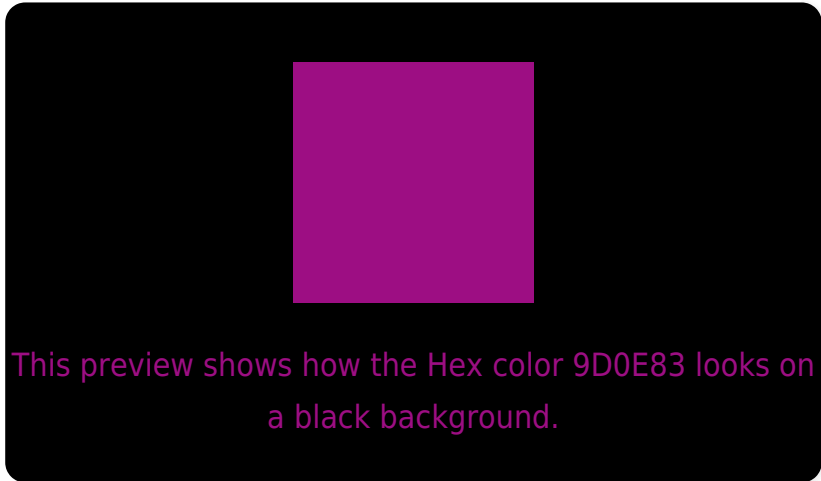
Large Text (above 18pt) WCAG AA ✓ Pass

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

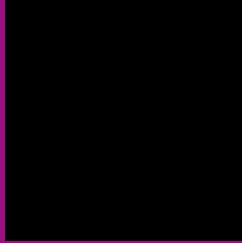
Any Text WCAG AA × Fail

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 9D0E83 Background



This preview shows how black text looks on a background with the Hex color 9D0E83.

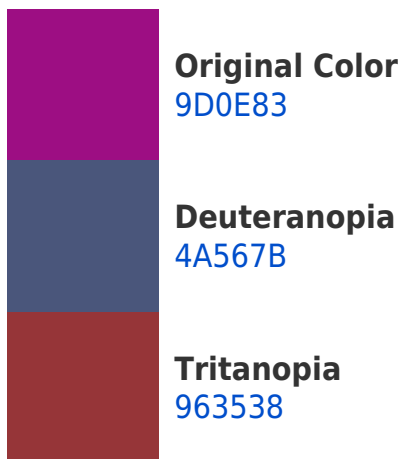


This preview shows how white text looks on a background with the Hex color 9D0E83.

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



Trichromacy



Original Color
9D0E83

Deuteranomaly
683C7E

Tritanomaly
992753

Monochromacy



Original Color
9D0E83

Achromatopsia
464646

Achromatomaly
66325C

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D0E83 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 #9D0E83 looks like.

```
.text, #text, p{  
    color:#9D0E83  
}
```

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 #9D0E83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D0E83
}
```

Border

The CSS property to change the border of an element to Hex 9D0E83 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
#9D0E83 }
```

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

```
.border{ border-color:#9D0E83 }
```

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

Here you see how a box with a 4 pixel #9D0E83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D0E83; -webkit-box-shadow:4px 4px  
4px 4px #9D0E83; box-shadow:4px 4px 4px  
4px #9D0E83 }
```

Background

The CSS property to change the background color of an element to Hex 9D0E83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D0E83 }
```

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

```
.background{ background-color:#9D0E83 }
```

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