

Converting Colors

Hex(9D6883)

Have a look what the booklet for
Hex(9D6883) contains.

Hex(9D6883)	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(9D6883)

Conversions

Conversions Part 1

Format	Color
Hex	9D6883
RGB	157, 104, 131
RGB Percent	62%, 41%, 51%
CMY	0.3843, 0.5922, 0.4863
CMYK	0.00, 0.34, 0.17, 0.38
HSL	329°, 21%, 51%
HSV	329°, 34%, 62%
XYZ	22.9517, 18.7074, 23.8739
YIQ	122.9250, 22.9210, 19.6330

Conversions

Conversions Part 2

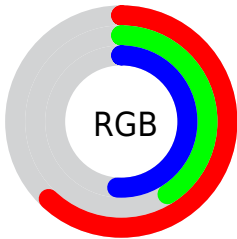
Format	Color
R_{YB}	157, 104, 131
Decimal	10315907
CIE _{Lab}	50.34, 25.40, -6.22
CIE _{LCh}	50, 26.147, 346.247
Yxy	18.7074, 0.3502, 0.2855
Android (android.graphics.Color)	4288505987 (0xFF9D6883)
YUV	122.9250, 3.9810, 29.8838
Hunter-Lab	43.2521, 19.0297, -2.4500

Details

The Hex color **9D6883** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **689D82**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **D49CB8**, and **693852** is the 20% darker color. If you saturate the color by 10%, you get **9D587B**, and if you desaturate by 10%, it is **9D788B**.

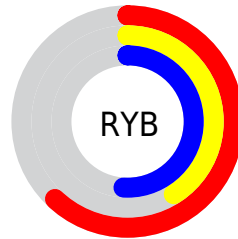
Distribution



Red (62%)

Green (41%)

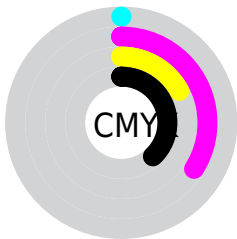
Blue (51%)



Red (62%)

Yellow (41%)

Blue (51%)

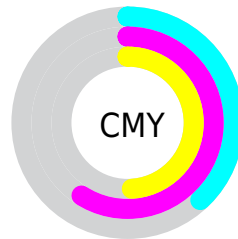


Cyan (0%)

Magenta (34%)

Yellow (17%)

Black (38%)



Cyan (38%)

Magenta (59%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D6883 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 9D6883 by changing the saturation by 10% instead.



9D6883



9D6883

FFFFFF



824F6A



D49CB8



693852



F1B7D4



50213B



FFD3F0



370A25



FFEFFF



250010



000000



9D6883



9D6883



9D587B



9D788B



9D4974



9D8792

 9D396C

 9D979A

 9D2964

 9DA7A2

 9D195C

 9DB7AA

 9D0A55

 9DC6B1

 9D0050

 9DD6B9

 9DE6C1

 9DF5C8

Harmonies

Analogous

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



8A6E97



9D6883



A4676C

Triad

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



9D6883



7B7A4D



2C8297

Complementary

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



9D6883



689D82

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.



2E8483



9D6883



628058

Square

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



9D6883



90734D



47836C



497DA3

Rectangle

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



9D6883



A26A5F



47836C



298391

Sweetspot

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



9D6883



CCB8C2



82689D



665A60



E6E6E6



666666

Same Dimension

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



9D6883



CC78A3



9D6869



4F474B



8F0049



0F0008

Inverse Universe

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



9D6883



CC78A3



689D9C



4F474B



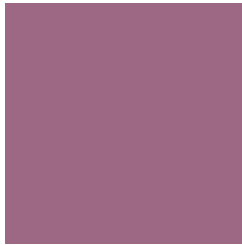
8F0049



0F0008

Previews

White Background



This preview shows how the Hex color 9D6883 looks on a white background.

Color Contrast Check

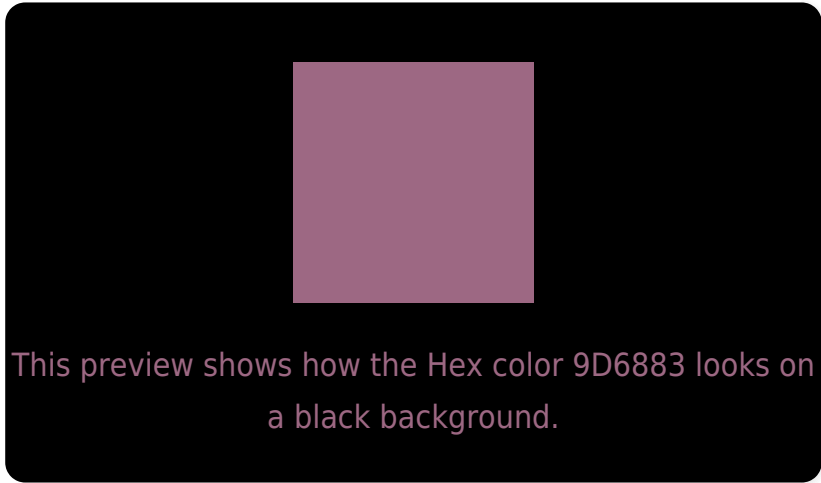
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

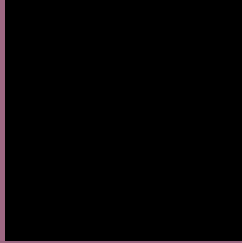
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9D6883 Background



This preview shows how black text looks on a background with the Hex color 9D6883.



This preview shows how white text looks on a background with the Hex color 9D6883.

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
9D6883

Protanopia
74778D

Deuteranopia
807581



Tritanopia
9B6B73

Trichromacy



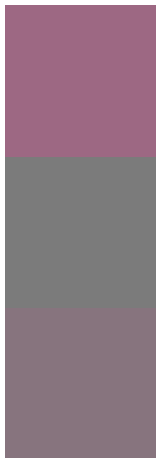
Original Color
9D6883

Protanomaly
837289

Deuteranomaly
8B7082

Tritanomaly
9C6A79

Monochromacy



Original Color
9D6883

Achromatopsia
7B7B7B

Achromatomaly
87747E

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D6883 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 #9D6883 looks like.

```
.text, #text, p{  
    color:#9D6883  
}
```

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 #9D6883 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D6883
}
```

Border

The CSS property to change the border of an element to Hex 9D6883 is called "border". The border property can be set on classes, ids or directly on the HTML element.

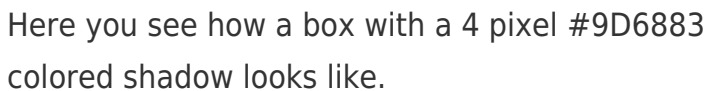
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D6883 }
```

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

```
.border{ border-color:#9D6883 }
```

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



Here you see how a box with a 4 pixel #9D6883 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D6883; -webkit-box-shadow:4px 4px  
4px 4px #9D6883; box-shadow:4px 4px 4px  
4px #9D6883 }
```

Background

The CSS property to change the background color of an element to Hex 9D6883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D6883 }
```

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

```
.background{ background-color:#9D6883 }
```

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