

Converting Colors

Hex(9D6784)

Have a look what the booklet for
Hex(9D6784) contains.

Hex(9D6784)	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(9D6784)

Conversions

Conversions Part 1

Format	Color
Hex	9D6784
RGB	157, 103, 132
RGB Percent	62%, 40%, 52%
CMY	0.3843, 0.5961, 0.4824
CMYK	0.00, 0.34, 0.16, 0.38
HSL	328°, 22%, 51%
HSV	328°, 34%, 62%
XYZ	22.9197, 18.5345, 24.1993
YIQ	122.4520, 22.8750, 20.4670

Conversions

Conversions Part 2

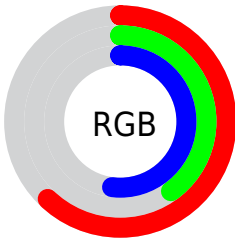
Format	Color
R_{YB}	157, 103, 132
Decimal	10315652
CIE Lab	50.14, 26.14, -7.12
CIE LCh	50, 27.088, 344.771
Yxy	18.5345, 0.3491, 0.2823
Android (android.graphics.Color)	4288505732 (0xFF9D6784)
YUV	122.4520, 4.7072, 30.2986
Hunter-Lab	43.0518, 19.6886, -3.1906

Details

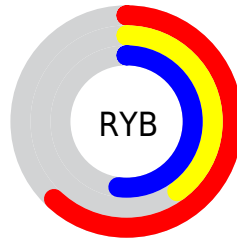
The Hex color **9D6784** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **679D80**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **D49BB9**, and **683753** is the 20% darker color. If you saturate the color by 10%, you get **9D577D**, and if you desaturate by 10%, it is **9D778B**.

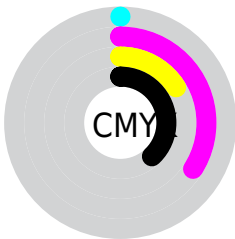
Distribution



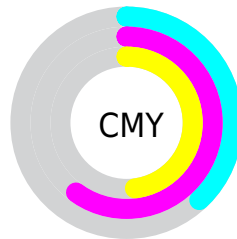
- Red (62%)
- Green (40%)
- Blue (52%)



- Red (62%)
- Yellow (40%)
- Blue (52%)



- Cyan (0%)
- Magenta (34%)
- Yellow (16%)
- Black (38%)



- Cyan (38%)
- Magenta (60%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D6784 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 9D6784 by changing the saturation by 10% instead.

 9D6784

 9D6784

FFFFFF

 824E6B

 D49BB9

 683753

 F1B6D5

 4F203C

 FFD2F1

 370826

 FFEEFF

 250011

 000000

 9D6784

 9D6784

 9D577D

 9D778B

 9D4875

 9D8693

 9D386E

 9D969A

 9D2867

 9DA6A1

 9D1860

 9DB6A8

 9D0958

 9DC5B0

 9D0054

 9DD5B7

 9DE5BE

 9DF4C5

Harmonies

Analogous

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



886D98



9D6784



A5666D

Triad

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



9D6784



7B7A4A



248297

Complementary

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



9D6784



679D80

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.



298482



9D6784



627F56

Square

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



9D6784



91724B



45836A



447DA3

Rectangle

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



9D6784



A3685E



45836A



218391

Sweetspot

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



9D6784



CCB8C3



7F679D



665A60



E6E6E6



666666

Same Dimension

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



9D6784



CC78A5



9D676A



4F474B



8F004D



0F0008

Inverse Universe

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



9D6784



CC78A5



679D9A



4F474B



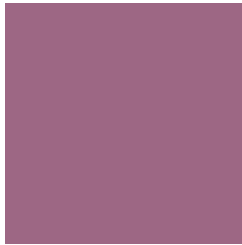
8F004D



0F0008

Previews

White Background



This preview shows how the Hex color 9D6784 looks on a white background.

Color Contrast Check

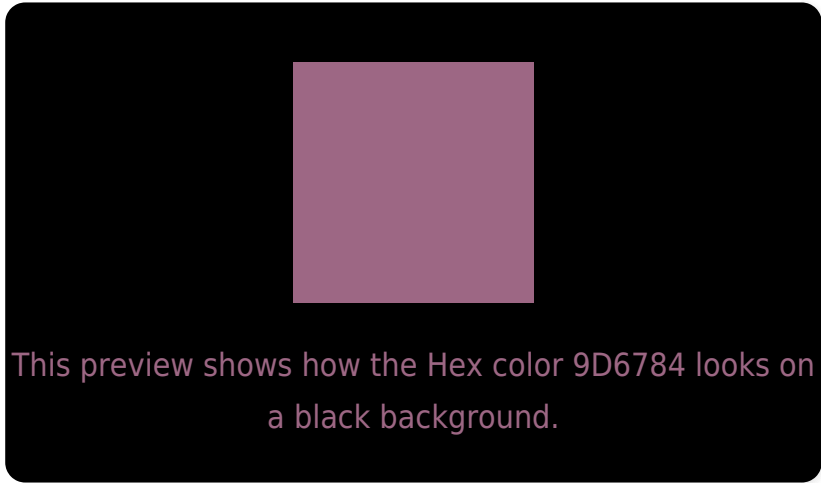
Large Text (above 18pt) WCAG AA ✓ Pass

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

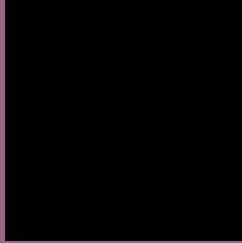
Any Text WCAG AA ✓ Pass

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 9D6784 Background



This preview shows how black text looks on a background with the Hex color 9D6784.



This preview shows how white text looks on a background with the Hex color 9D6784.

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
9D6784

Protanopia
73778E

Deuteranopia
7F7482



Tritanopia
9B6A72

Trichromacy



Original Color
9D6784

Protanomaly
82718A

Deuteranomaly
8A6F83

Tritanomaly
9C6979

Monochromacy



Original Color
9D6784

Achromatopsia
7A7A7A

Achromatomaly
87737E

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D6784 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 #9D6784 looks like.

```
.text, #text, p{  
    color:#9D6784  
}
```

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 #9D6784 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D6784
}
```

Border

The CSS property to change the border of an element to Hex 9D6784 is called "border". The border property can be set on classes, ids or directly on the HTML element.

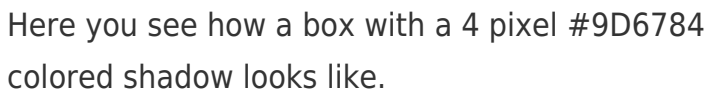
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D6784 }
```

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

```
.border{ border-color:#9D6784 }
```

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



Here you see how a box with a 4 pixel #9D6784 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D6784; -webkit-box-shadow:4px 4px  
4px 4px #9D6784; box-shadow:4px 4px 4px  
4px #9D6784 }
```

Background

The CSS property to change the background color of an element to Hex 9D6784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D6784 }
```

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

```
.background{ background-color:#9D6784 }
```

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