

Converting Colors

Hex(9D875F)

Have a look what the booklet for
Hex(9D875F) contains.

Hex(9D875F)	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(9D875F)

Conversions

Conversions Part 1

Format	Color
Hex	9D875F
RGB	157, 135, 95
RGB Percent	62%, 53%, 37%
CMY	0.3843, 0.4706, 0.6275
CMYK	0.00, 0.14, 0.39, 0.38
HSL	39°, 25%, 49%
HSV	39°, 39%, 62%
XYZ	24.6342, 25.3223, 14.4158
YIQ	137.0180, 25.9520, -7.7760

Conversions

Conversions Part 2

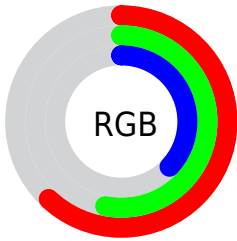
Format	Color
RYB	129, 157, 95
Decimal	10323807
CIELab	57.39, 2.46, 24.60
CIElCh	57, 24.719, 84.286
Yxy	25.3223, 0.3827, 0.3934
Android (android.graphics.Color)	4288513887 (0xFF9D875F)
YUV	137.0180, -20.7149, 17.5242
Hunter-Lab	50.3212, -0.6796, 18.2397




Details

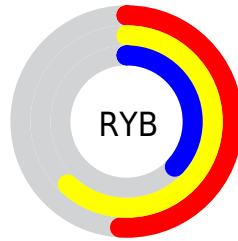
The Hex color **9D875F** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5F759D**, and the grayscale version is **898989**.




A 20% lighter version of the original color is **D5BC92**, and **685530** is the 20% darker color. If you saturate the color by 10%, you get **9D814F**, and if you desaturate by 10%, it is **9D8D6F**.

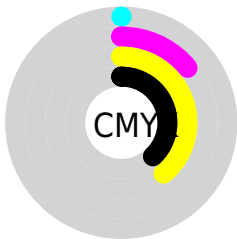
Distribution







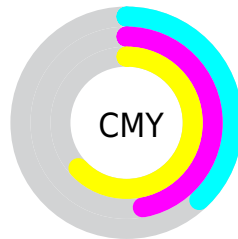
-  Red (62%)
-  Green (53%)
-  Blue (37%)






-  Red (51%)
-  Yellow (62%)
-  Blue (37%)



-  Cyan (0%)
-  Magenta (14%)
-  Yellow (39%)
-  Black (38%)



-  Cyan (38%)
-  Magenta (47%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D875F 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 9D875F by changing the saturation by 10% instead.



9D875F



9D875F

FFFFFF



826E47



D5BC92



685530



F1D8AD



4F3E1A



FFF4C8



372901



FFFFE4



201400



000000



9D875F



9D875F



9D814F



9D8D6F



9D7C40



9D927E

 9D7630

 9D988E

 9D7120

 9D9D9E

 9D6B11

 9DA3AD

 9D6601

 9DA8BD

 9D6500

 9DAECD

 9DB4DD

 9DB9EC

Harmonies

Analogous

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



AD8068



9D875F



878E62

Triad

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



9D875F



47959B



A17EA3

Complementary

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



9D875F



5F759D

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.



8786B1



9D875F



4D93AC

Square

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



9D875F



569685



688DB4



B17A8F

Rectangle

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



9D875F



76916A



688DB4



9A81A9

Sweetspot

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



9D875F



CCC3B4



9D5F76



666158



E6E6E6



666666

Same Dimension

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



9D875F



CCAA6C



959D5F



4F4C47



8F5C00



0F0A00

Inverse Universe

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



5F759D



6C8ECC



675F9D



474A4F



00338F



00050F

Previews

White Background



This preview shows how the Hex color 9D875F 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

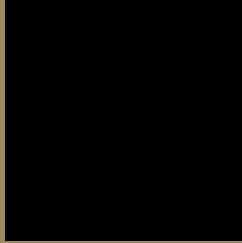
Any Text WCAG AA ✓ Pass

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 9D875F Background



This preview shows how black text looks on a background with the Hex color 9D875F.



This preview shows how white text looks on a background with the Hex color 9D875F.

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
9D875F

Protanopia
958A60

Deuteranopia
A58460



Tritanopia
A2818B

Trichromacy



Original Color
9D875F

Protanomaly
988960

Deuteranomaly
A28560

Tritanomaly
A0837B

Monochromacy



Original Color
9D875F

Achromatopsia
898989

Achromatomaly
90887A

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D875F 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 #9D875F looks like.

```
.text, #text, p{  
    color:#9D875F  
}
```

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 #9D875F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D875F
}
```

Border

The CSS property to change the border of an element to Hex 9D875F 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
#9D875F }
```

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

```
.border{ border-color:#9D875F }
```

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

Here you see how a box with a 4 pixel #9D875F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D875F; -webkit-box-shadow:4px 4px  
4px 4px #9D875F; box-shadow:4px 4px 4px  
4px #9D875F }
```

Background

The CSS property to change the background color of an element to Hex 9D875F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D875F }
```

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

```
.background{ background-color:#9D875F }
```

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