

Converting Colors

Hex(9B9B66)

Have a look what the booklet for
Hex(9B9B66) contains.

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Color

Hex(9B9B66)

Conversions

Conversions Part 1

Format	Color
Hex	9B9B66
RGB	155, 155, 102
RGB Percent	61%, 61%, 40%
CMY	0.3922, 0.3922, 0.6000
CMYK	0.00, 0.00, 0.34, 0.39
HSL	60°, 21%, 50%
HSV	60°, 34%, 61%
XYZ	27.6372, 31.3706, 17.1689
YIQ	148.9580, 17.0130, -16.4830

Conversions

Conversions Part 2

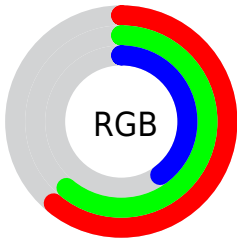
Format	Color
RYB	102, 155, 102
Decimal	10197862
CIELab	62.82, -8.49, 27.85
CIELCh	63, 29.111, 106.954
Yxy	31.3706, 0.3628, 0.4118
Android (android.graphics.Color)	4288387942 (0xFF9B9B66)
YUV	148.9580, -23.1503, 5.2988
Hunter-Lab	56.0094, -9.9378, 21.0321

Details

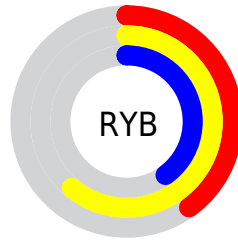
The Hex color **9B9B66** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **66669B**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **D2D19A**, and **676836** is the 20% darker color. If you saturate the color by 10%, you get **9B9B57**, and if you desaturate by 10%, it is **9B9B76**.

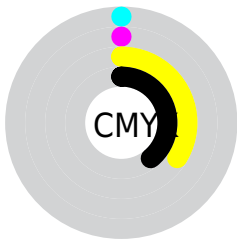
Distribution



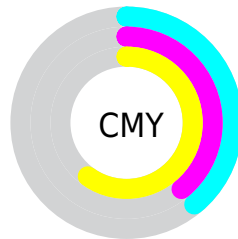
- Red (61%)
- Green (61%)
- Blue (40%)



- Red (40%)
- Yellow (61%)
- Blue (40%)



- Cyan (0%)
- Magenta (0%)
- Yellow (34%)
- Black (39%)



- Cyan (39%)
- Magenta (39%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B9B66 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 9B9B66 by changing the saturation by 10% instead.



9B9B66



9B9B66

FFFFFF



81814E



D2D19A



676836



EFEEB5



4E501F



FFFFD0



363908



FFFFED



202400



001000



000000



9B9B66



9B9B66



9B9B57



9B9B76

 9B9B47

 9B9B85

 9B9B38

 9B9B95

 9B9B28

 9B9BA4

 9B9B19

 9B9BB4

 9B9B09

 9B9BC3

 9B9B00

 9B9BD3

 9B9BE2

 9B9BF2

Harmonies

Analogous

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



B49266



9B9B66



7EA274

Triad

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



9B9B66



46A4BD



C486A4

Complementary

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



9B9B66



66669B

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.



AE8CBB



9B9B66



649ECA

Square

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



9B9B66



46A6A6



8C95C9



CC858A

Rectangle

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



9B9B66



69A483



8C95C9



BE87AD

Sweetspot

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



9B9B66



C9C9B5



9B6666



66665A



E6E6E6



666666

Same Dimension

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



9B9B66



C9C977



819B66



4D4D45



8C8C00



0D0D00

Inverse Universe

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



66669B



7777C9



81669B



45454D



00008C



00000D

Previews

White Background



This preview shows how the Hex color 9B9B66 looks on a white background.

Color Contrast Check

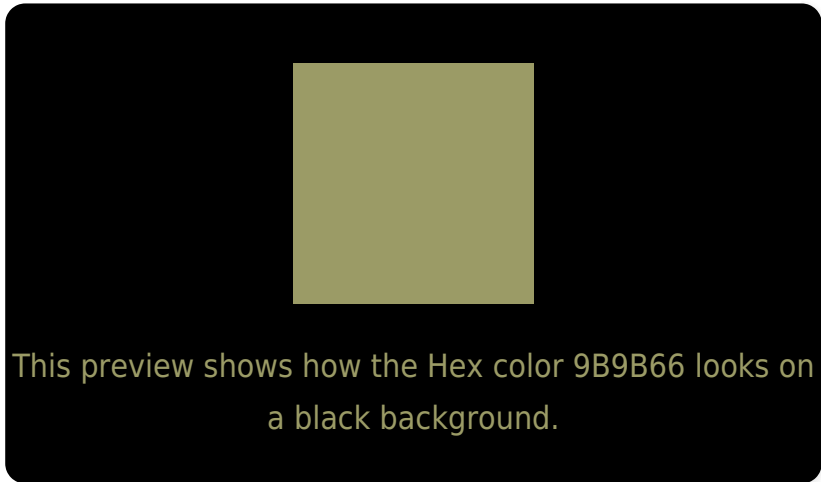
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Hex 9B9B66 Background



This preview shows how black text looks on a background with the Hex color 9B9B66.



This preview shows how white text looks on a background with the Hex color 9B9B66.

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
9B9B66

Protanopia
A59865

Deuteranopia
B59168



Tritanopia
A2949F

Trichromacy



Original Color
9B9B66

Protanomaly
A19965

Deuteranomaly
AC9567

Tritanomaly
9F978A

Monochromacy



Original Color
9B9B66

Achromatopsia
959595

Achromatomaly
979784

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B9B66 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 #9B9B66 looks like.

```
.text, #text, p{  
    color:#9B9B66  
}
```

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 #9B9B66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B9B66
}
```

Border

The CSS property to change the border of an element to Hex 9B9B66 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
#9B9B66 }
```

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

```
.border{ border-color:#9B9B66 }
```

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

Here you see how a box with a 4 pixel #9B9B66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B9B66; -webkit-box-shadow:4px 4px  
4px 4px #9B9B66; box-shadow:4px 4px 4px  
4px #9B9B66 }
```

Background

The CSS property to change the background color of an element to Hex 9B9B66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B9B66 }
```

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

```
.background{ background-color:#9B9B66 }
```

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](#).

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