

Converting Colors

Hex(949B79)

Have a look what the booklet for
Hex(949B79) contains.

Hex(949B79)	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(949B79)

Conversions

Conversions Part 1

Format	Color
Hex	949B79
RGB	148, 155, 121
RGB Percent	58%, 61%, 47%
CMY	0.4196, 0.3922, 0.5255
CMYK	0.05, 0.00, 0.22, 0.39
HSL	72°, 15%, 54%
HSV	72°, 22%, 61%
XYZ	27.3853, 31.1191, 22.6524
YIQ	149.0310, 6.7420, -12.0580

Conversions

Conversions Part 2

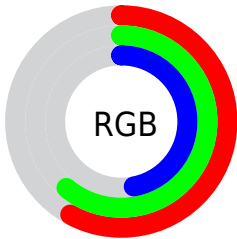
Format	Color
RYB	121, 155, 128
Decimal	9739129
CIELab	62.61, -8.59, 17.02
CIELCh	63, 19.066, 116.770
Yxy	31.1191, 0.3374, 0.3834
Android (android.graphics.Color)	4287929209 (0xFF949B79)
YUV	149.0310, -13.8193, -0.9042
Hunter-Lab	55.7845, -9.9950, 14.9733

Details

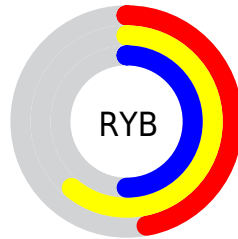
The Hex color **949B79** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **80799B**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **CAD1AD**, and **616848** is the 20% darker color. If you saturate the color by 10%, you get **919B6A**, and if you desaturate by 10%, it is **979B89**.

Distribution



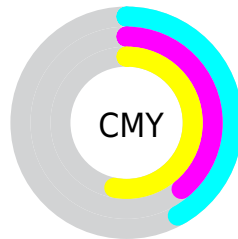
- Red (58%)
- Green (61%)
- Blue (47%)



- Red (47%)
- Yellow (61%)
- Blue (50%)



- Cyan (5%)
- Magenta (0%)
- Yellow (22%)
- Black (39%)



- Cyan (42%)
- Magenta (39%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 949B79 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 949B79 by changing the saturation by 10% instead.

 949B79

 949B79

FFFFFF

 7A8160

 CAD1AD

 616848

 E6EEC9

 495031

 FFFFE5

 32391C


 1D2304

 000F00

 000000

 949B79

 949B79

 919B6A

 979B89

 8E9B5A

 9A9B98

 8A9B4A


 9E9BA7

 879B3B

 A19BB7

 849B2B

 A49BC7

 819B1C

 A79BD6

 7E9B0C

 AA9BE5

 7B9B00

 AE9BF5

 B19BFF

Harmonies

Analogous

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



A69676



949B79



819F84

Triad

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



949B79



6F9EB3



B88C9A

Complementary

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



949B79



80799B

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.



AC8EAA



949B79



8199B9

Square

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



949B79



68A1A6



9894B6



BA8C89

Rectangle

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



949B79



75A18F



9894B6



B58CA0

Sweetspot

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



949B79



C7C9BB



9B8079



64665E



E6E6E6



666666

Same Dimension

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



949B79



BFC995



839B79



4B4D45



6F8C00



0A0D00

Inverse Universe

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



80799B



A095C9



91799B



46454D



1D008C



03000D

Previews

White Background



This preview shows how the Hex color 949B79 looks on a white background.

Color Contrast Check

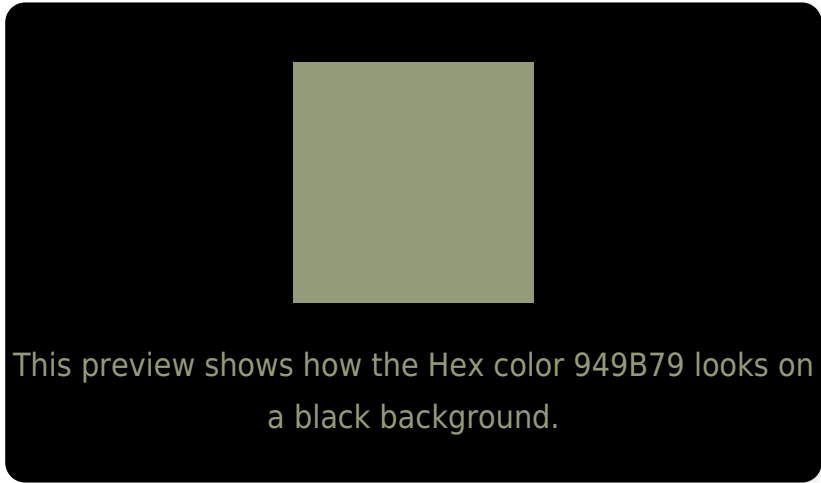
Large Text (above 18pt) WCAG AA × Fail

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

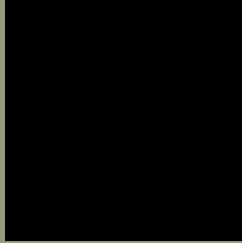
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

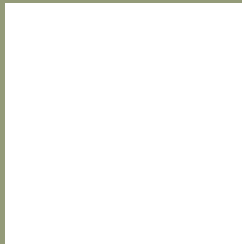
Any Text WCAG AAA ✓ Pass

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

Hex 949B79 Background



This preview shows how black text looks on a background with the Hex color 949B79.



This preview shows how white text looks on a background with the Hex color 949B79.

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
949B79

Protanopia
A19777

Deuteranopia
B0917B



Tritanopia
9A96A1

Trichromacy



Original Color
949B79

Protanomaly
9C9878

Deuteranomaly
A6957A

Tritanomaly
989892

Monochromacy



Original Color
949B79

Achromatopsia
959595

Achromatomaly
95978B

CSS Examples

Text

The CSS property to change the color of the text to Hex 949B79 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 #949B79 looks like.

```
.text, #text, p{  
    color:#949B79  
}
```

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 #949B79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949B79
}
```

Border

The CSS property to change the border of an element to Hex 949B79 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
#949B79 }
```

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

```
.border{ border-color:#949B79 }
```

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

Here you see how a box with a 4 pixel #949B79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949B79; -webkit-box-shadow:4px 4px  
4px 4px #949B79; box-shadow:4px 4px 4px  
4px #949B79 }
```

Background

The CSS property to change the background color of an element to Hex 949B79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949B79 }
```

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

```
.background{ background-color:#949B79 }
```

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