

Converting Colors

Hex(949A96)

Have a look what the booklet for
Hex(949A96) contains.

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Color

Hex(949A96)

Conversions

Conversions Part 1

Format	Color
Hex	949A96
RGB	148, 154, 150
RGB Percent	58%, 60%, 59%
CMY	0.4196, 0.3961, 0.4118
CMYK	0.04, 0.00, 0.03, 0.40
HSL	140°, 3%, 59%
HSV	140°, 4%, 60%
XYZ	29.2734, 31.6091, 33.4125
YIQ	151.7500, -2.2920, -2.5160

Conversions

Conversions Part 2

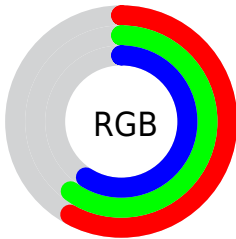
Format	Color
RYB	148, 153, 154
Decimal	9738902
CIELab	63.02, -2.94, 1.34
CIELCh	63, 3.226, 155.488
Yxy	31.6091, 0.3104, 0.3352
Android (android.graphics.Color)	4287928982 (0xFF949A96)
YUV	151.7500, -0.8627, -3.2887
Hunter-Lab	56.2220, -5.4480, 4.1196

Details

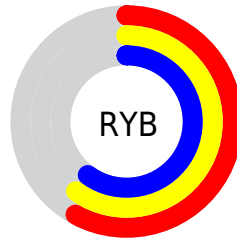
The Hex color **949A96** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9A9498**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **CAD0CC**, and **616763** is the 20% darker color. If you saturate the color by 10%, you get **859A8C**, and if you desaturate by 10%, it is **A39AA0**.

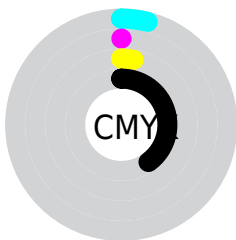
Distribution



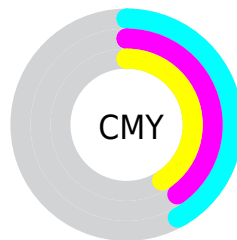
- Red (58%)
- Green (60%)
- Blue (59%)



- Red (58%)
- Yellow (60%)
- Blue (60%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)



- Cyan (42%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 949A96 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 949A96 by changing the saturation by 10% instead.



949A96



949A96

FFFFFF



7A807C



CAD0CC



616763



E6EDE8



4A4F4B



333835



1E2320



050D08



000000



949A96



949A96



859A8C



A39AA0

 759A81

 B39AAB

 669A77

 C29AB5

 569A6D

 D29ABF

 479A63

 E19AC9

 389A58

 F09AD4

 289A4E

 FF9ADE

 199A44

 FF9AE8

 099A3A

 FF9AF2

Harmonies

Analogous

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



979994



949A96



929A99

Triad

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



949A96



96999E



9F9795

Complementary

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



949A96



9A9498

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.



9F9798



949A96



9A989D

Square

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



949A96



93999E



9D979B



9D9893

Rectangle

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



949A96



929A9B



9D979B



9F9796

Sweetspot

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



949A96



C7C9C8



989A94



656665



E6E6E6



666666

Same Dimension

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



949A96



BFC9C3



949A99



484D49



008C2F



000D04

Inverse Universe

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



9A9498



C9BFC6



9A9495



4D484B



8C005E



0D0009

Previews

White Background



This preview shows how the Hex color 949A96 looks on a white background.

Color Contrast Check

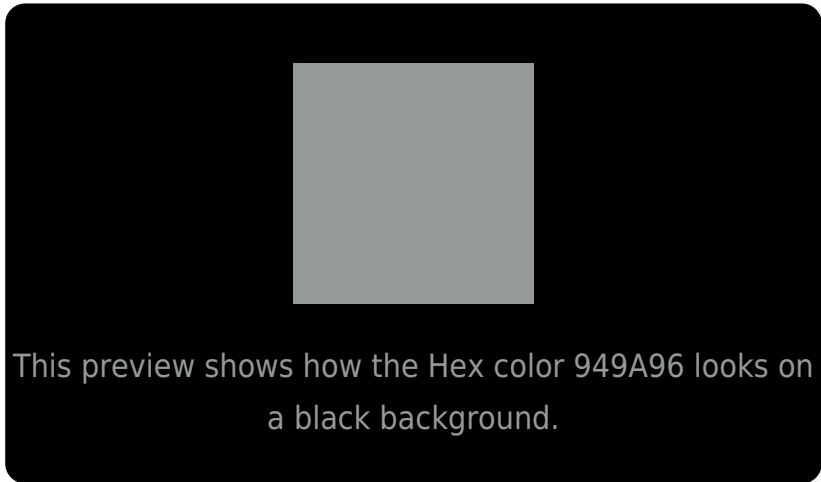
Large Text (above 18pt) WCAG AA × Fail

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

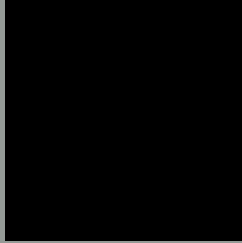
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

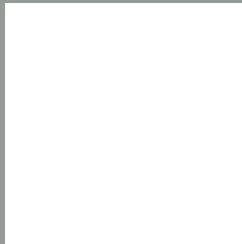
Any Text WCAG AAA ✓ Pass

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

Hex 949A96 Background



This preview shows how black text looks on a background with the Hex color 949A96.



This preview shows how white text looks on a background with the Hex color 949A96.

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
949A96

Protanopia
9C9895

Deuteranopia
A79397



Tritanopia
9698A4

Trichromacy



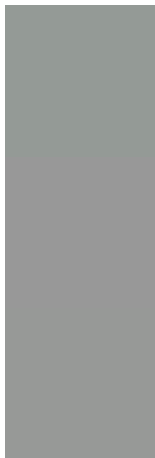
Original Color
949A96

Protanomaly
999995

Deuteranomaly
A09697

Tritanomaly
95999F

Monochromacy



Original Color
949A96

Achromatopsia
989898

Achromatomaly
979997

CSS Examples

Text

The CSS property to change the color of the text to Hex 949A96 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 #949A96 looks like.

```
.text, #text, p{  
    color:#949A96  
}
```

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 #949A96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949A96
}
```

Border

The CSS property to change the border of an element to Hex 949A96 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
#949A96 }
```

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

```
.border{ border-color:#949A96 }
```

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

Here you see how a box with a 4 pixel #949A96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949A96; -webkit-box-shadow:4px 4px  
4px 4px #949A96; box-shadow:4px 4px 4px  
4px #949A96 }
```

Background

The CSS property to change the background color of an element to Hex 949A96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949A96 }
```

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

```
.background{ background-color:#949A96 }
```

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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