

Converting Colors

Hex(909A96)

Have a look what the booklet for
Hex(909A96) contains.

Hex(909A96)	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(909A96)

Conversions

Conversions Part 1

Format	Color
Hex	909A96
RGB	144, 154, 150
RGB Percent	56%, 60%, 59%
CMY	0.4353, 0.3961, 0.4118
CMYK	0.06, 0.00, 0.03, 0.40
HSL	156°, 5%, 58%
HSV	156°, 6%, 60%
XYZ	28.5622, 31.2425, 33.3792
YIQ	150.5540, -4.6760, -3.3640

Conversions

Conversions Part 2

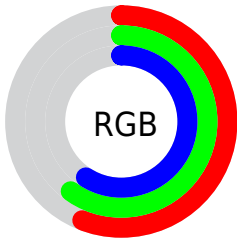
Format	Color
RYB	144, 150, 154
Decimal	9476758
CIELab	62.71, -4.37, 0.85
CIELCh	63, 4.453, 168.936
Yxy	31.2425, 0.3065, 0.3353
Android (android.graphics.Color)	4287666838 (0xFF909A96)
YUV	150.5540, -0.2731, -5.7479
Hunter-Lab	55.8950, -6.6031, 3.7199

Details

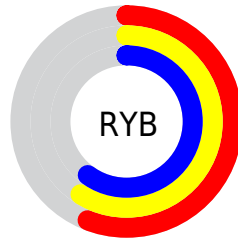
The Hex color **909A96** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9A9094**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **C6D0CC**, and **5E6763** is the 20% darker color. If you saturate the color by 10%, you get **819A90**, and if you desaturate by 10%, it is **9F9A9C**.

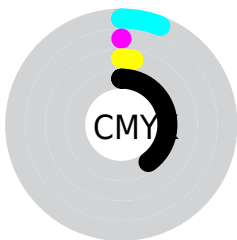
Distribution



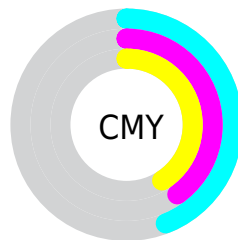
- Red (56%)
- Green (60%)
- Blue (59%)



- Red (56%)
- Yellow (59%)
- Blue (60%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)



- Cyan (44%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 909A96 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 909A96 by changing the saturation by 10% instead.



909A96



909A96

FFFFFF



76807C



C6D0CC



5E6763



E2EDE8



464F4B

FEFFFF



303835



1B2320



000D08



000000



909A96




909A96



819A90



9F9A9C

 719A8A

 AF9AA2

 629A84

 BE9AA8

 529A7D

 CE9AAF

 439A77

 DD9AB5

 349A71

 EC9ABB

 249A6B

 FC9AC1

 159A65

 FF9AC7

 059A5F

 FF9ACD

Harmonies

Analogous

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



949992



909A96



8E9A9A

Triad

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



909A96



97979F



A09692

Complementary

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



909A96



9A9094

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.



A19595



909A96



9B969D

Square

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



909A96



92989F



9F9599



9D9790

Rectangle

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



909A96



8E9A9C



9F9599



A09593

Sweetspot

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



909A96



C5C9C8



949A90



646665



E6E6E6



666666

Same Dimension

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



909A96



B9C9C3



90999A



454D49



008C54



000D08

Inverse Universe

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



9A9094



C9B9C0



9A9190



4D4548



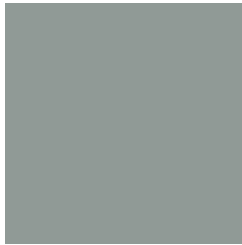
8C0038



0D0005

Previews

White Background



This preview shows how the Hex color 909A96 looks on a white background.

Color Contrast Check

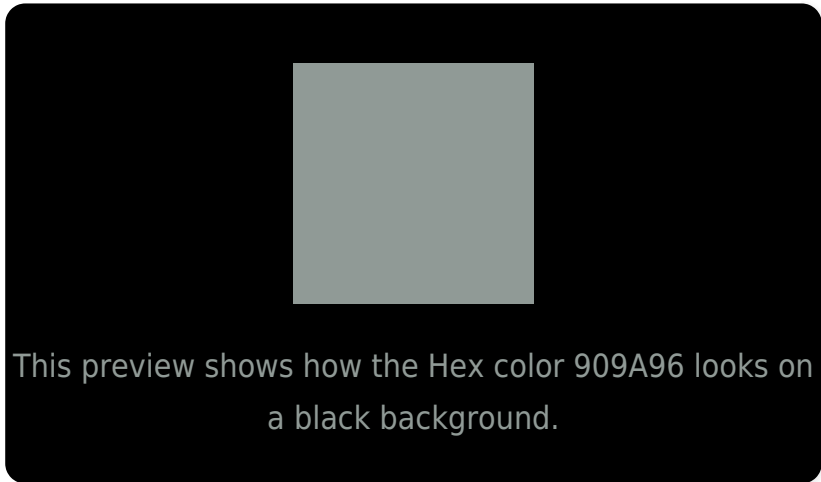
Large Text (above 18pt) WCAG AA × Fail

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

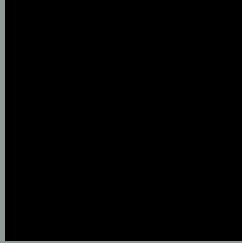
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

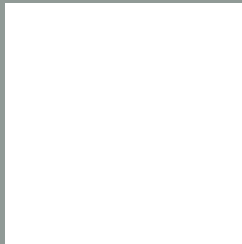
Any Text WCAG AAA ✓ Pass

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

Hex 909A96 Background



This preview shows how black text looks on a background with the Hex color 909A96.



This preview shows how white text looks on a background with the Hex color 909A96.

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
909A96

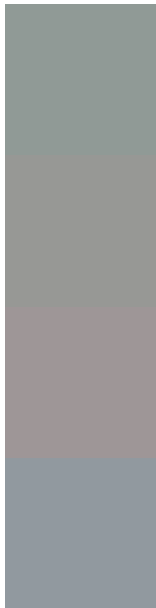
Protanopia
9B9794

Deuteranopia
A69397



Tritanopia
9298A4

Trichromacy



Original Color
909A96

Protanomaly
979895

Deuteranomaly
9E9697

Tritanomaly
91999F

Monochromacy



Original Color
909A96

Achromatopsia
979797

Achromatomaly
949897

CSS Examples

Text

The CSS property to change the color of the text to Hex 909A96 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 #909A96 looks like.

```
.text, #text, p{  
    color:#909A96  
}
```

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 #909A96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #909A96
}
```

Border

The CSS property to change the border of an element to Hex 909A96 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
#909A96 }
```

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

```
.border{ border-color:#909A96 }
```

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

Here you see how a box with a 4 pixel #909A96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #909A96; -webkit-box-shadow:4px 4px  
4px 4px #909A96; box-shadow:4px 4px 4px  
4px #909A96 }
```

Background

The CSS property to change the background color of an element to Hex 909A96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#909A96 }
```

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

```
.background{ background-color:#909A96 }
```

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