

# Converting Colors

Hex(919868)

Have a look what the booklet for  
Hex(919868) contains.

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# Color

**Hex(919868)**

# Conversions

Conversions Part 1	
Format	Color
Hex	919868
RGB	145, 152, 104
RGB Percent	57%, 60%, 41%
CMY	0.4314, 0.4039, 0.5922
CMYK	0.05, 0.00, 0.32, 0.40
HSL	69°, 19%, 50%
HSV	69°, 32%, 60%
XYZ	25.4040, 29.4757, 17.4471
YIQ	144.4350, 11.2360, -16.4120

# Conversions

## Conversions Part 2

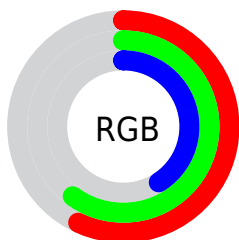
Format	Color
<a href="#">RYB</a>	<a href="#">104, 152, 111</a>
Decimal	<a href="#">9541736</a>
CIELab	<a href="#">61.20, -10.68, 24.47</a>
CIELCh	<a href="#">61, 26.700, 113.577</a>
Yxy	<a href="#">29.4757, 0.3512, 0.4075</a>
Android (android.graphics.Color)	<a href="#">4287731816</a> (0xFF919868)
YUV	<a href="#">144.4350, -19.9345, 0.4955</a>
Hunter-Lab	<a href="#">54.2915, -11.4868, 18.9506</a>

# Details

The Hex color **919868** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6F6898**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **C7CE9C**, and **5E6538** is the 20% darker color. If you saturate the color by 10%, you get **8F9859**, and if you desaturate by 10%, it is **939877**.

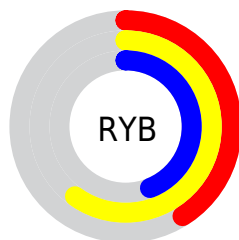
# Distribution



Red (57%)

Green (60%)

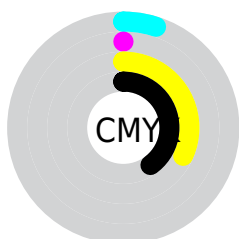
Blue (41%)



Red (41%)

Yellow (60%)

Blue (44%)

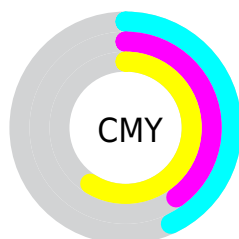


Cyan (5%)

Magenta (0%)

Yellow (32%)

Black (40%)



Cyan (43%)

Magenta (40%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 919868 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 919868 by changing the saturation by 10% instead.



 919868

FFFFFF

 C7CE9C

 E4EAB7

 FFFFD2

 FFFFEF

 919868

 8F9859

 919868

 777E50

 5E6538

 464D22

 2E360C

 192100

 000800

 000000

 919868

 939877

 8D984A

 959886

 8A983A

 989896

 88982B

 9A98A5

 86981C

 9C98B4

 84980D

 9E98C3

 829800

 A198D2

 A398E2

 A598F1

# Harmonies

## Analogous

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



A99065



919868



769E77

# Triad

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



919868



509DB9



BF839A

# Complementary

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



919868



6F6898

# 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.



AD87B0



919868



6E97C2

# Square

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



919868



49A0A6



908FBF



C38382

# Rectangle

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



919868



64A086



908FBF



BA84A2



# Sweetspot

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



919868



C2C4B3



986E68



626359



E3E3E3



636363



# Same Dimension

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



919868



B9C47A



7A9868



4B4D45



788C00



0B0D00



# Inverse Universe

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



6F6898



857AC4



866898



46454D



14008C



02000D



# Previews

## White Background



This preview shows how the Hex color 919868 looks on a white background.

## Color Contrast Check

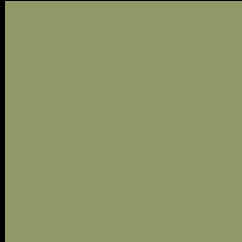
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color 919868 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

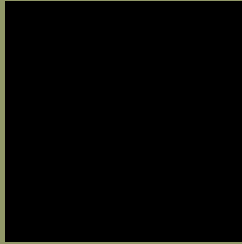
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 919868 Background



This preview shows how black text looks on a background with the Hex color 919868.



This preview shows how white text looks on a background with the Hex color 919868.

# 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**

919868

**Protanopia**

9F9366

**Deuteranopia**

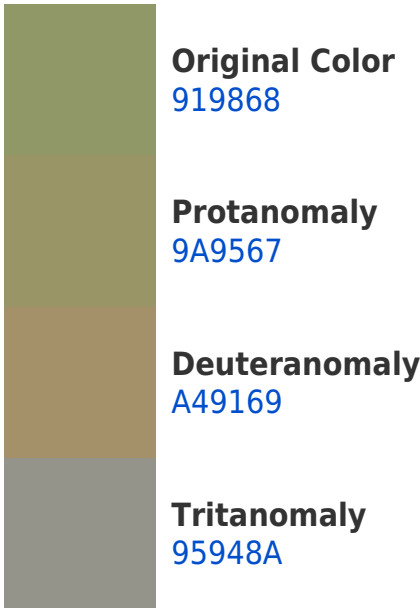
AF8D6A



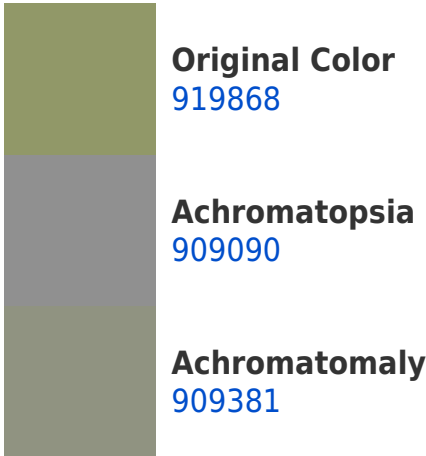
# Tritanopia

98919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 919868 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 #919868 looks like.

```
.text, #text, p{  
    color:#919868  
}
```

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 #919868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #919868
}
```

## Border

The CSS property to change the border of an element to Hex 919868 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
#919868 }
```

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

```
.border{ border-color:#919868 }
```

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

Here you see how a box with a 4 pixel #919868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #919868; -webkit-box-shadow:4px 4px  
4px 4px #919868; box-shadow:4px 4px 4px  
4px #919868 }
```

# Background

The CSS property to change the background color of an element to Hex 919868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#919868 }
```

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

```
.background{ background-color:#919868 }
```

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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