

# Converting Colors

Hex(919C51)

Have a look what the booklet for  
Hex(919C51) contains.

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# **Color**

**Hex(919C51)**

# Conversions

## Conversions Part 1

Format	Color
Hex	919C51
RGB	145, 156, 81
RGB Percent	57%, 61%, 32%
CMY	0.4314, 0.3882, 0.6824
CMYK	0.07, 0.00, 0.48, 0.39
HSL	69°, 32%, 46%
HSV	69°, 48%, 61%
XYZ	25.0507, 30.3908, 12.3303
YIQ	144.1610, 17.5190, -25.6570

# Conversions

## Conversions Part 2

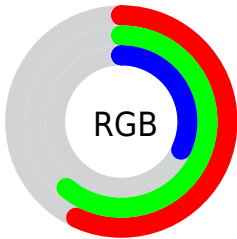
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">81, 156, 92</a>
Decimal	<a href="#">9542737</a>
CIELab	<a href="#">61.99, -15.59, 37.70</a>
CIELCh	<a href="#">62, 40.799, 112.461</a>
Yxy	<a href="#">30.3908, 0.3696, 0.4484</a>
Android (android.graphics.Color)	<a href="#">4287732817 (0xFF919C51)</a>
YUV	<a href="#">144.1610, -31.1384, 0.7358</a>
Hunter-Lab	<a href="#">55.1278, -15.3612, 25.3283</a>

# Details

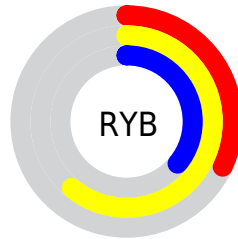
The Hex color **919C51** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5C519C**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **C8D284**, and **5D6920** is the 20% darker color. If you saturate the color by 10%, you get **8F9C41**, and if you desaturate by 10%, it is **939C61**.

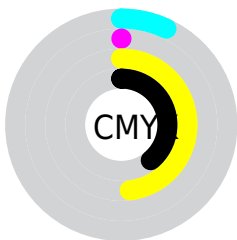
# Distribution



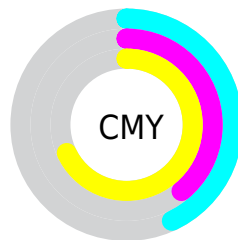
- Red (57%)
- Green (61%)
- Blue (32%)



- Red (32%)
- Yellow (61%)
- Blue (36%)



- Cyan (7%)
- Magenta (0%)
- Yellow (48%)
- Black (39%)



- Cyan (43%)
- Magenta (39%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 919C51 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 919C51 by changing the saturation by 10% instead.





919C51



919C51

FFFFFF



768239



C8D284



5D6920



E5EF9F



445105



FFFFBA



2D3A00



FFFFD6



142400



FFFFF3



000D00



000000



919C51



919C51



8F9C41



939C61

 8C9C32

 969C70

 8A9C22

 989C80

 889C13

 9A9C8F

 869C03

 9C9C9F

 859C00

 9F9CAF

 A19CBE

 A39CCE

 A69CDD

# Harmonies

## Analogous

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



B4914D



919C51



67A468

# Triad

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



919C51



00A5CE



D579A0

# Complementary

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



919C51



5C519C

# 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.



BA82C2



919C51



469CDD

# Square

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



919C51



00A8B0



8B90D9



DB7A7C

# Rectangle

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



919C51



43A77F



8B90D9



CE7BAC



# Sweetspot

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



919C51



C8CCAF



9C5B51



636655



E6E6E6



666666



# Same Dimension

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



919C51



BBCC56



6D9C51



4E4F47



7A8F00



0D0F00



# Inverse Universe

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



5C519C



6756CC



81519C



48474F



15008F



02000F



# Previews

## White Background



This preview shows how the Hex color 919C51 looks on a white background.

## Color Contrast Check

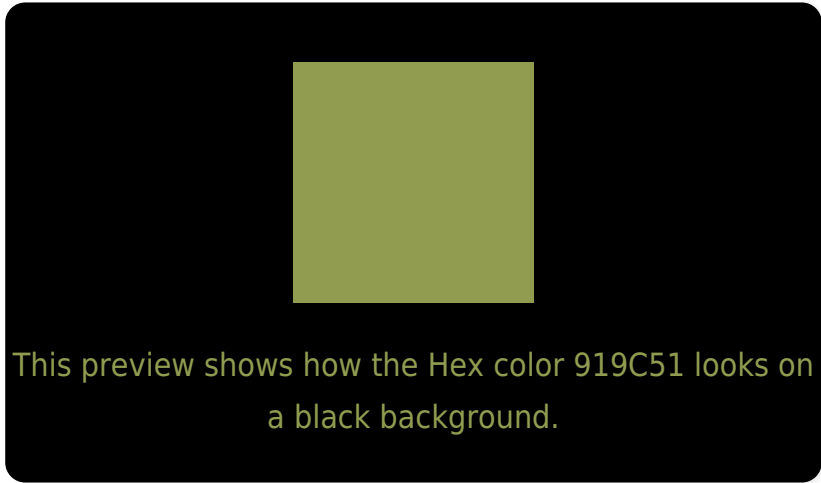
Large Text (above 18pt) WCAG AA × Fail

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

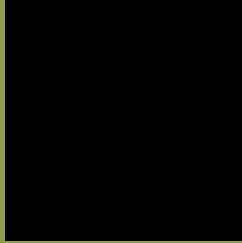
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 919C51 Background



This preview shows how black text looks on a background with the Hex color 919C51.



This preview shows how white text looks on a background with the Hex color 919C51.

# 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**  
919C51

**Protanopia**  
A5964F

**Deuteranopia**  
B68F54

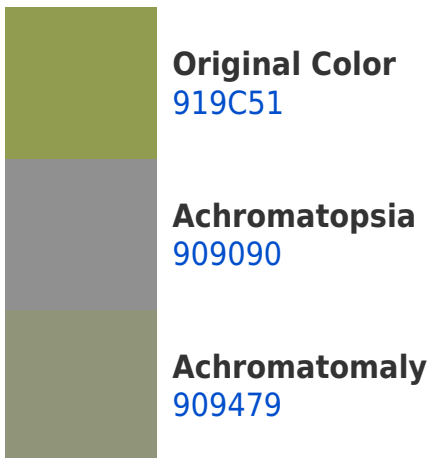


**Tritanopia**  
9A939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 919C51 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 #919C51 looks like.

```
.text, #text, p{  
    color:#919C51  
}
```

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 #919C51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #919C51
}
```

## Border

The CSS property to change the border of an element to Hex 919C51 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
#919C51 }
```

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

```
.border{ border-color:#919C51 }
```

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

Here you see how a box with a 4 pixel #919C51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #919C51; -webkit-box-shadow:4px 4px  
4px 4px #919C51; box-shadow:4px 4px 4px  
4px #919C51 }
```

# Background

The CSS property to change the background color of an element to Hex 919C51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#919C51 }
```

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

```
.background{ background-color:#919C51 }
```

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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