

# Converting Colors

Hex(9B9D59)

Have a look what the booklet for  
Hex(9B9D59) contains.

<b>Hex(9B9D59)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(9B9D59)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B9D59
RGB	155, 157, 89
RGB Percent	61%, 62%, 35%
CMY	0.3922, 0.3843, 0.6510
CMYK	0.01, 0.00, 0.43, 0.38
HSL	62°, 28%, 48%
HSV	62°, 43%, 62%
XYZ	27.3777, 31.8038, 14.1470
YIQ	148.6500, 20.6360, -21.5720

# Conversions

## Conversions Part 2

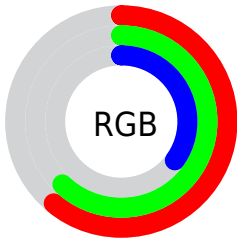
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 157, 91
Decimal	10198361
CIELab	63.18, -11.09, 35.22
CIELCh	63, 36.924, 107.471
Yxy	31.8038, 0.3734, 0.4337
Android (android.graphics.Color)	4288388441 (0xFF9B9D59)
YUV	148.6500, -29.4074, 5.5690
Hunter-Lab	56.3948, -12.0355, 24.6031

# Details

The Hex color **9B9D59** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5B599D**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **D3D38C**, and **666A29** is the 20% darker color. If you saturate the color by 10%, you get **9B9D49**, and if you desaturate by 10%, it is **9B9D69**.

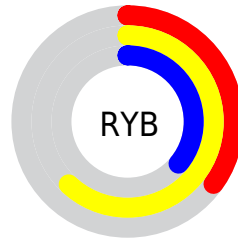
# Distribution



Red (61%)

Green (62%)

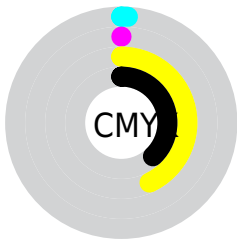
Blue (35%)



Red (35%)

Yellow (62%)

Blue (36%)

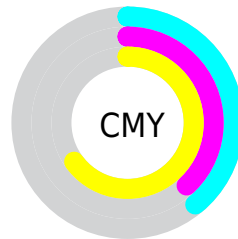


Cyan (1%)

Magenta (0%)

Yellow (43%)

Black (38%)



Cyan (39%)

Magenta (38%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B9D59 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 9B9D59 by changing the saturation by 10% instead.





9B9D59



9B9D59

FFFFFF



808341



D3D38C



666A29



EFF0A7



4D5211



FFFFC3



353B00



FFFFDF



1E2500



FFFFFFB



001200



000000



9B9D59



9B9D59



9B9D49



9B9D69

 9A9D3A

 9C9D78

 9A9D2A

 9C9D88

 999D1A

 9D9D98

 999D0A

 9D9DA8

 989D00

 9E9DB7

 9E9DC7

 9F9DD7

 9F9DE6

# Harmonies

## Analogous

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



BA9259



9B9D59



76A56B

# Triad

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



9B9D59



00A7C8



D081A8

# Complementary

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



9B9D59



5B599D

# 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.



B489C6



9B9D59



4DA0D8

# Square

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



9B9D59



00AAAC



8896D7



D98087

# Rectangle

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



9B9D59



59A87F



8896D7



C983B3



# Sweetspot

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



9B9D59



CBCCB1



9D5A59



666656



E6E6E6



666666



# Same Dimension

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



9B9D59



C9CC62



7A9D59



4F4F47



8B8F00



0F0F00



# Inverse Universe

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



5B599D



6562CC



7C599D



47474F



04008F



00000F



# Previews

## White Background



This preview shows how the Hex color 9B9D59 looks on a white background.

## Color Contrast Check

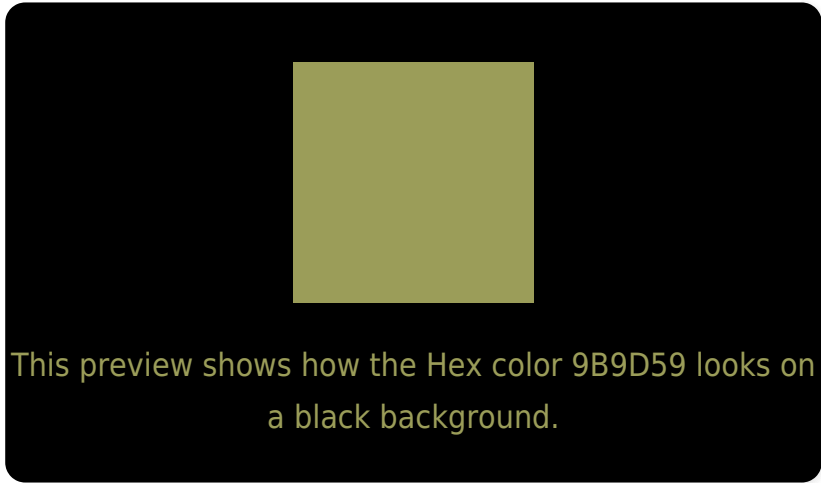
Large Text (above 18pt) WCAG AA × Fail

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

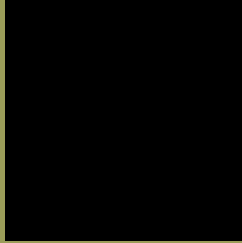
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9B9D59 Background



This preview shows how black text looks on a background with the Hex color 9B9D59.

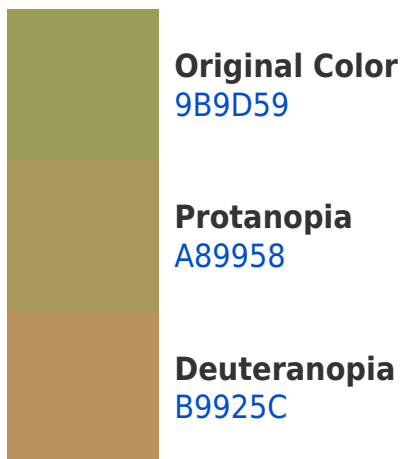


This preview shows how white text looks on a background with the Hex color 9B9D59.

# 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](#).

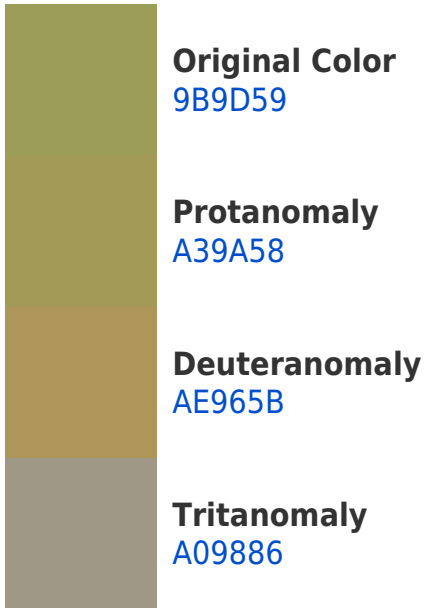
## Dichromacy



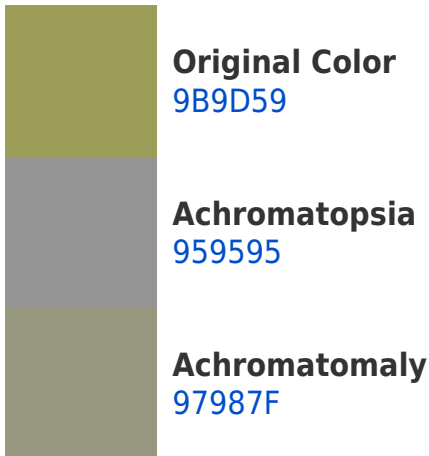


**Tritanopia**  
A395A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B9D59 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 #9B9D59 looks like.

```
.text, #text, p{  
    color:#9B9D59  
}
```

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 #9B9D59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B9D59
}
```

## Border

The CSS property to change the border of an element to Hex 9B9D59 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
#9B9D59 }
```

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

```
.border{ border-color:#9B9D59 }
```

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

Here you see how a box with a 4 pixel #9B9D59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B9D59; -webkit-box-shadow:4px 4px  
4px 4px #9B9D59; box-shadow:4px 4px 4px  
4px #9B9D59 }
```

# Background

The CSS property to change the background color of an element to Hex 9B9D59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B9D59 }
```

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

```
.background{ background-color:#9B9D59 }
```

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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