

# Converting Colors

Hex(959A5B)

Have a look what the booklet for  
Hex(959A5B) contains.

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**Color**

**Hex(959A5B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	959A5B
RGB	149, 154, 91
RGB Percent	58%, 60%, 36%
CMY	0.4157, 0.3961, 0.6431
CMYK	0.03, 0.00, 0.41, 0.40
HSL	65°, 26%, 48%
HSV	65°, 41%, 60%
XYZ	25.8384, 30.2561, 14.3757
YIQ	145.3230, 17.2430, -20.6530

# Conversions

## Conversions Part 2

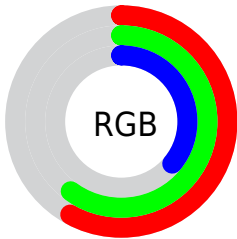
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">91, 154, 96</a>
Decimal	<a href="#">9804379</a>
CIELab	<a href="#">61.87, -11.77, 32.43</a>
CIELCh	<a href="#">62, 34.495, 109.942</a>
Yxy	<a href="#">30.2561, 0.3667, 0.4293</a>
Android (android.graphics.Color)	<a href="#">4287994459 (0xFF959A5B)</a>
YUV	<a href="#">145.3230, -26.7812, 3.2247</a>
Hunter-Lab	<a href="#">55.0055, -12.4109, 23.0084</a>

# Details

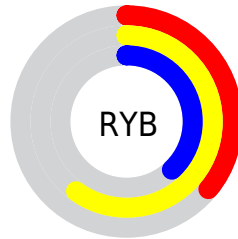
The Hex color **959A5B** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **605B9A**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **CCD08E**, and **61672B** is the 20% darker color. If you saturate the color by 10%, you get **949A4C**, and if you desaturate by 10%, it is **969A6A**.

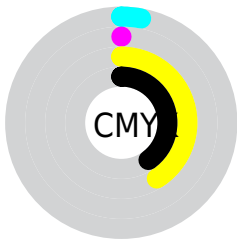
# Distribution



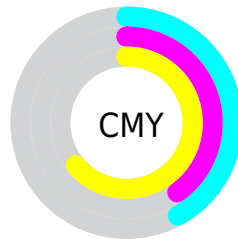
- Red (58%)
- Green (60%)
- Blue (36%)



- Red (36%)
- Yellow (60%)
- Blue (38%)



- Cyan (3%)
- Magenta (0%)
- Yellow (41%)
- Black (40%)



- Cyan (42%)
- Magenta (40%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 959A5B 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 959A5B by changing the saturation by 10% instead.





959A5B



959A5B

FFFFFF



7B8043



CCD08E



61672B



E9EDA9



484F14



FFFFC4



313800



FFFFE1



1A2300



FFFFFFD



000D00



000000



959A5B



959A5B



949A4C



969A6A

■ 939A3C

■ 979A7A

■ 919A2D

■ 999A89

■ 909A1D

■ 9A9A99

■ 8F9A0E

■ 9B9AA8

■ 8E9A00

■ 9C9AB7

■ 9E9AC7

■ 9F9AD6

■ A09AE6

# Harmonies

## Analogous

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



B39059



959A5B



72A16D

# Triad

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



959A5B



1DA3C3



CA7FA1

# Complementary

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



959A5B



605B9A

# 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.



B286BD



959A5B



579CD1

# Square

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



959A5B



1BA6A9



8A91CF



D17F82

# Rectangle

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



959A5B



58A480



8A91CF



C481AB



# Sweetspot

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



959A5B



C8C9B1



9A5F5B



656658



E6E6E6



666666



# Same Dimension

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



959A5B



C2C967



769A5B



4C4D45



818C00



0C0D00



# Inverse Universe

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



605B9A



6F67C9



7F5B9A



45454D



0B008C



01000D



# Previews

## White Background



This preview shows how the Hex color 959A5B looks on a white background.

## Color Contrast Check

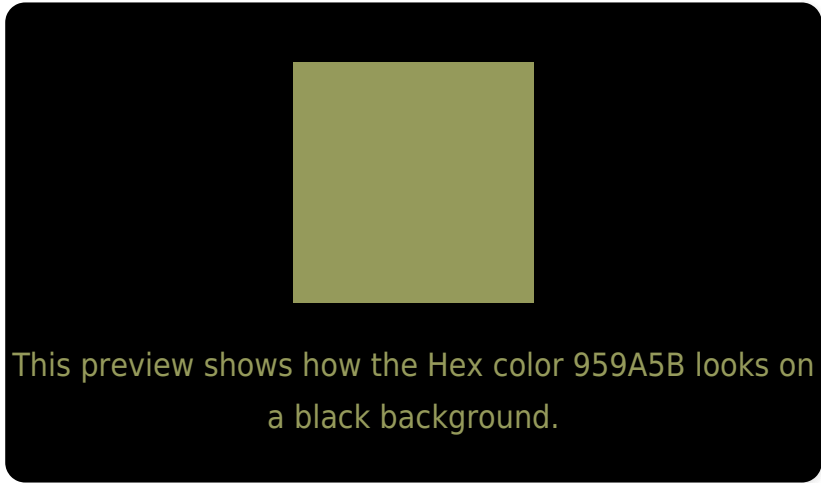
Large Text (above 18pt) WCAG AA × Fail

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

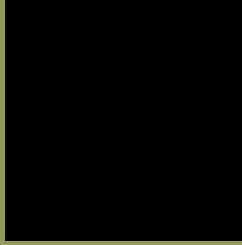
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 959A5B Background



This preview shows how black text looks on a background with the Hex color 959A5B.



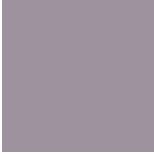
This preview shows how white text looks on a background with the Hex color 959A5B.

# 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](#).

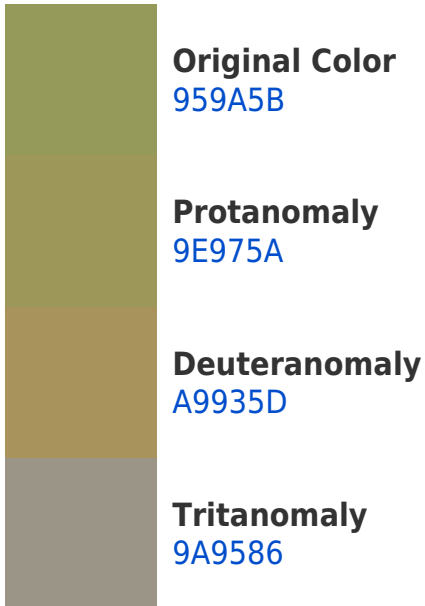
## Dichromacy



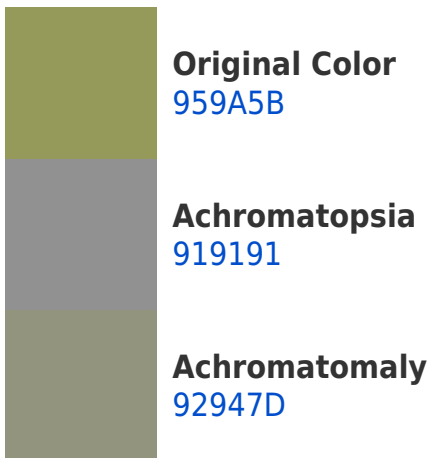


**Tritanopia**  
9D929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 959A5B 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 #959A5B looks like.

```
.text, #text, p{  
    color:#959A5B  
}
```

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 #959A5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #959A5B
}
```

## Border

The CSS property to change the border of an element to Hex 959A5B 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
#959A5B }
```

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

```
.border{ border-color:#959A5B }
```

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

Here you see how a box with a 4 pixel #959A5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #959A5B; -webkit-box-shadow:4px 4px  
4px 4px #959A5B; box-shadow:4px 4px 4px  
4px #959A5B }
```

# Background

The CSS property to change the background color of an element to Hex 959A5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#959A5B }
```

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

```
.background{ background-color:#959A5B }
```

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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