

Converting Colors

Hex(939A65)

Have a look what the booklet for
Hex(939A65) contains.

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Color

Hex(939A65)

Conversions

Conversions Part 1

Format	Color
Hex	939A65
RGB	147, 154, 101
RGB Percent	58%, 60%, 40%
CMY	0.4235, 0.3961, 0.6039
CMYK	0.05, 0.00, 0.34, 0.40
HSL	68°, 21%, 50%
HSV	68°, 34%, 60%
XYZ	25.9372, 30.2538, 16.7845
YIQ	145.8650, 12.8410, -17.9670

Conversions

Conversions Part 2

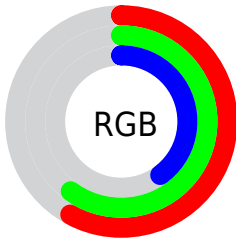
Format	Color
RYB	101, 154, 108
Decimal	9673317
CIELab	61.87, -11.34, 27.03
CIELCh	62, 29.310, 112.771
Yxy	30.2538, 0.3554, 0.4146
Android (android.graphics.Color)	4287863397 (0xFF939A65)
YUV	145.8650, -22.1184, 0.9954
Hunter-Lab	55.0035, -12.0835, 20.4099

Details

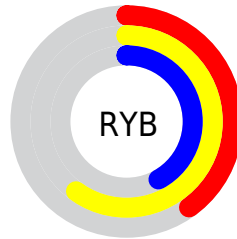
The Hex color **939A65** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6C659A**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **CAD098**, and **5F6735** is the 20% darker color. If you saturate the color by 10%, you get **919A56**, and if you desaturate by 10%, it is **959A74**.

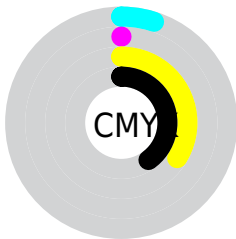
Distribution



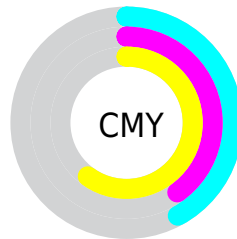
- Red (58%)
- Green (60%)
- Blue (40%)



- Red (40%)
- Yellow (60%)
- Blue (42%)



- Cyan (5%)
- Magenta (0%)
- Yellow (34%)
- Black (40%)



- Cyan (42%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 939A65 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 939A65 by changing the saturation by 10% instead.



939A65



939A65

FFFFFF



79804D



CAD098



5F6735



E6EDB3



474F1F



FFFFCF



303808



FFFFEB



1A2300



000D00



000000



939A65



939A65



919A56



959A74

 8F9A46

 979A84

 8D9A37

 999A93

 8B9A27

 9B9AA3

 899A18

 9D9AB2

 879A09

 9F9AC1

 869A00

 A19AD1

 A39AE0

 A59AF0

Harmonies

Analogous

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



AD9262



939A65



75A075

Triad

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



939A65



46A0BE



C4829D

Complementary

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



939A65



6C659A

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.



B088B5



939A65



699AC8

Square

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



939A65



3FA3A9



9091C5



C98383

Rectangle

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



939A65



60A385



9091C5



BF84A6

Sweetspot

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



939A65



C7C9B5



9A6B65



64665A



E6E6E6



666666

Same Dimension

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



939A65



BFC977



799A65



4B4D45



7A8C00



0B0D00

Inverse Universe

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



6C659A



8277C9



86659A



46454D



13008C



02000D

Previews

White Background



This preview shows how the Hex color 939A65 looks on a white background.

Color Contrast Check

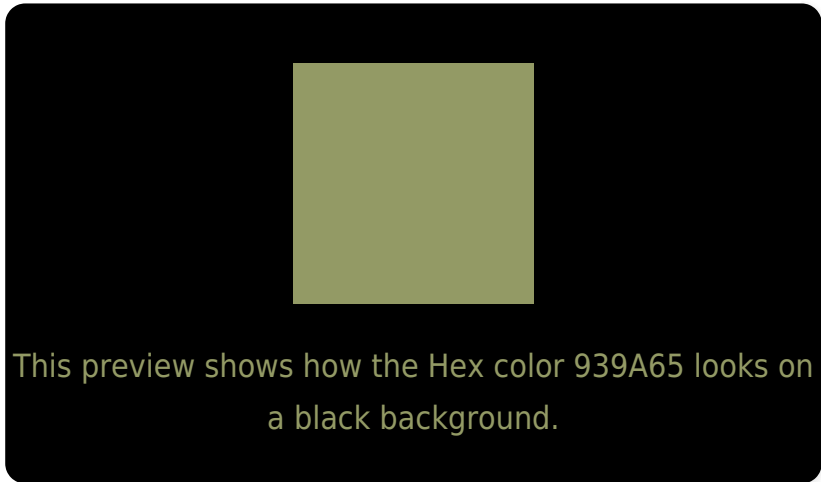
Large Text (above 18pt) WCAG AA × Fail

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

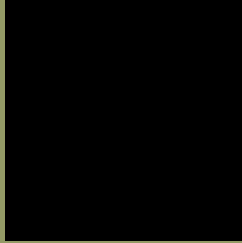
Any Text WCAG AA ✓ Pass

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 939A65 Background



This preview shows how black text looks on a background with the Hex color 939A65.

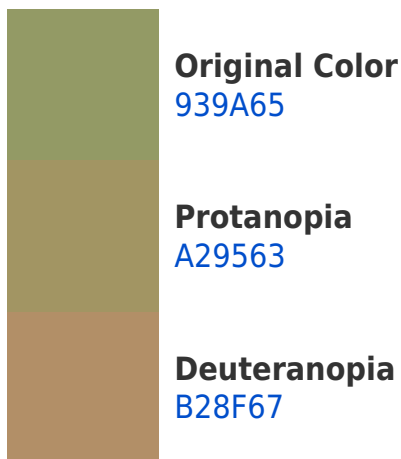


This preview shows how white text looks on a background with the Hex color 939A65.

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
9A939E

Trichromacy



Original Color
939A65

Protanomaly
9D9764

Deuteranomaly
A79366

Tritanomaly
979689

Monochromacy



Original Color
939A65

Achromatopsia
929292

Achromatomaly
929582

CSS Examples

Text

The CSS property to change the color of the text to Hex 939A65 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 #939A65 looks like.

```
.text, #text, p{  
    color:#939A65  
}
```

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 #939A65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939A65
}
```

Border

The CSS property to change the border of an element to Hex 939A65 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
#939A65 }
```

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

```
.border{ border-color:#939A65 }
```

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

Here you see how a box with a 4 pixel #939A65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939A65; -webkit-box-shadow:4px 4px  
4px 4px #939A65; box-shadow:4px 4px 4px  
4px #939A65 }
```

Background

The CSS property to change the background color of an element to Hex 939A65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939A65 }
```

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

```
.background{ background-color:#939A65 }
```

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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