

Converting Colors

Hex(939D53)

Have a look what the booklet for
Hex(939D53) contains.

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Color

Hex(939D53)

Conversions

Conversions Part 1

Format	Color
Hex	939D53
RGB	147, 157, 83
RGB Percent	58%, 62%, 33%
CMY	0.4235, 0.3843, 0.6745
CMYK	0.06, 0.00, 0.47, 0.38
HSL	68°, 31%, 47%
HSV	68°, 47%, 62%
XYZ	25.6509, 30.9415, 12.8040
YIQ	145.5740, 17.7940, -25.1340

Conversions

Conversions Part 2

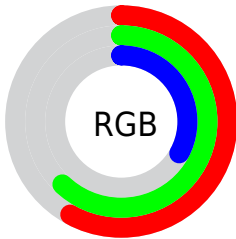
Format	Color
RYB	83, 157, 93
Decimal	9674067
CIELab	62.46, -15.07, 37.29
CIELCh	62, 40.217, 112.001
Yxy	30.9415, 0.3696, 0.4459
Android (android.graphics.Color)	4287864147 (0xFF939D53)
YUV	145.5740, -30.8490, 1.2506
Hunter-Lab	55.6251, -15.0305, 25.2900

Details

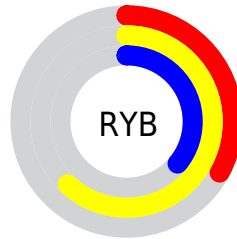
The Hex color **939D53** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5D539D**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **CAD486**, and **5F6A22** is the 20% darker color. If you saturate the color by 10%, you get **919D43**, and if you desaturate by 10%, it is **959D63**.

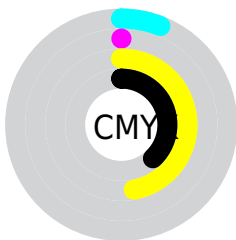
Distribution



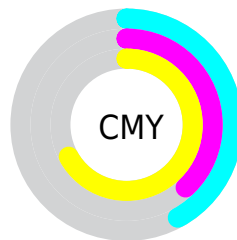
- Red (58%)
- Green (62%)
- Blue (33%)



- Red (33%)
- Yellow (62%)
- Blue (36%)



- Cyan (6%)
- Magenta (0%)
- Yellow (47%)
- Black (38%)



- Cyan (42%)
- Magenta (38%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 939D53 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 939D53 by changing the saturation by 10% instead.



939D53



939D53

FFFFFF



78833B



CAD486



5F6A22



E7F0A1



465208



FFFFBC



2E3B00



FFFFD8



162500



FFFFF5



001000



000000



939D53



939D53



919D43



959D63

8F9D34

979D72

8D9D24

999D82

8B9D14

9B9D92

889D05

9E9DA2

889D00

A09DB1

A29DC1

A49DD1

A69DE0

Harmonies

Analogous

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



B6924F



939D53



69A56A

Triad

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



939D53



00A6CE



D57BA2

Complementary

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



939D53



5D539D

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.



BA84C3



939D53



499EDD

Square

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



939D53



00A9B1



8C91D9



DB7C7E

Rectangle

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



939D53



47A880



8C91D9



CE7DAE

Sweetspot

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



939D53



C8CCAF



9D5D53



646655



E6E6E6



666666

Same Dimension

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



939D53



BCCC58



6E9D53



4E4F47



7C8F00



0D0F00

Inverse Universe

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



5D539D



6758CC



82539D



48474F



13008F



02000F

Previews

White Background



This preview shows how the Hex color 939D53 looks on a white background.

Color Contrast Check

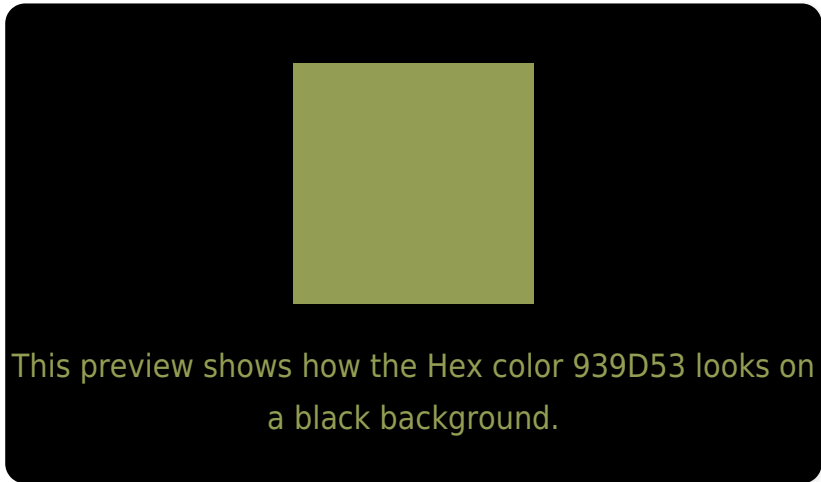
Large Text (above 18pt) WCAG AA × Fail

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

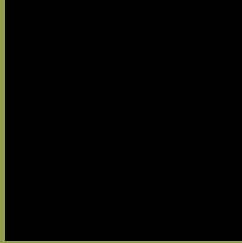
Any Text WCAG AA ✓ Pass

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 939D53 Background



This preview shows how black text looks on a background with the Hex color 939D53.

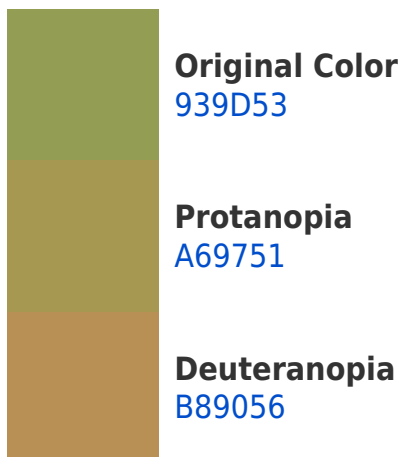


This preview shows how white text looks on a background with the Hex color 939D53.

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



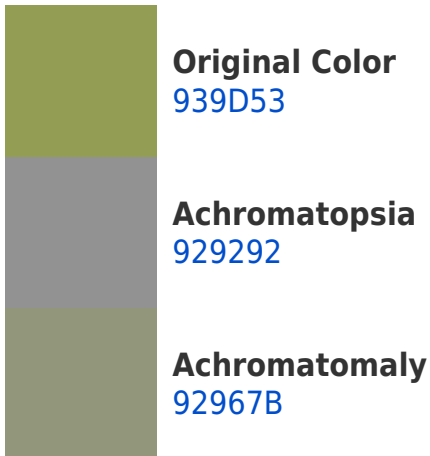


Tritanopia
9C94A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 939D53 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 #939D53 looks like.

```
.text, #text, p{  
    color:#939D53  
}
```

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 #939D53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939D53
}
```

Border

The CSS property to change the border of an element to Hex 939D53 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
#939D53 }
```

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

```
.border{ border-color:#939D53 }
```

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

Here you see how a box with a 4 pixel #939D53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939D53; -webkit-box-shadow:4px 4px  
4px 4px #939D53; box-shadow:4px 4px 4px  
4px #939D53 }
```

Background

The CSS property to change the background color of an element to Hex 939D53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939D53 }
```

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

```
.background{ background-color:#939D53 }
```

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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