

Converting Colors

Hex(939D5D)

Have a look what the booklet for
Hex(939D5D) contains.

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Color

Hex(939D5D)

Conversions

Conversions Part 1

Format	Color
Hex	939D5D
RGB	147, 157, 93
RGB Percent	58%, 62%, 36%
CMY	0.4235, 0.3843, 0.6353
CMYK	0.06, 0.00, 0.41, 0.38
HSL	69°, 26%, 49%
HSV	69°, 41%, 62%
XYZ	26.0654, 31.1073, 14.9864
YIQ	146.7140, 14.5840, -22.0240

Conversions

Conversions Part 2

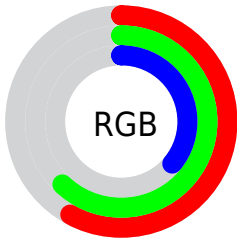
Format	Color
RYB	93, 157, 103
Decimal	9674077
CIELab	62.60, -13.94, 32.25
CIElCh	63, 35.134, 113.373
Yxy	31.1073, 0.3612, 0.4311
Android (android.graphics.Color)	4287864157 (0xFF939D5D)
YUV	146.7140, -26.4810, 0.2508
Hunter-Lab	55.7739, -14.1842, 23.1105

Details

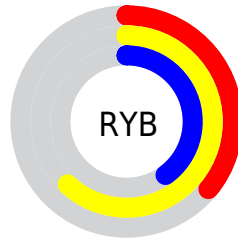
The Hex color **939D5D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **675D9D**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **CAD490**, and **5F6A2D** is the 20% darker color. If you saturate the color by 10%, you get **919D4D**, and if you desaturate by 10%, it is **959D6D**.

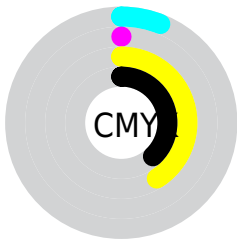
Distribution



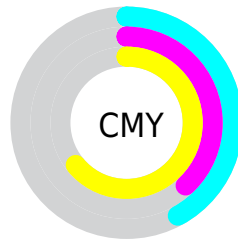
- Red (58%)
- Green (62%)
- Blue (36%)



- Red (36%)
- Yellow (62%)
- Blue (40%)



- Cyan (6%)
- Magenta (0%)
- Yellow (41%)
- Black (38%)



- Cyan (42%)
- Magenta (38%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 939D5D 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 939D5D by changing the saturation by 10% instead.



939D5D



939D5D

FFFFFF



798345



CAD490



5F6A2D



E6F0AB



465216



FFFFC7



2F3B00



FFFFE3



182500



001100



000000



939D5D



939D5D



919D4D



959D6D

■ 8E9D3E

■ 989D7C

■ 8C9D2E

■ 9A9D8C

■ 899D1E

■ 9D9D9C

■ 879D0E

■ 9F9DAB

■ 849D00

■ A29DBB

■ A49DCB

■ A79DDB

■ A99DEA

Harmonies

Analogous

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



B29359



939D5D



6FA471

Triad

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



939D5D



21A4C9



CF80A0

Complementary

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



939D5D



675D9D

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.



B887BD



939D5D



5D9DD5

Square

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



939D5D



10A8AF



9192D1



D48080

Rectangle

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



939D5D



54A785



9192D1



C981AA

Sweetspot

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



939D5D



C8CCB4



9D675D



646658



E6E6E6



666666

Same Dimension

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



939D5D



BCCC68



739D5D



4E4F47



788F00



0D0F00

Inverse Universe

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



675D9D



7868CC



875D9D



48474F



16008F



02000F

Previews

White Background



This preview shows how the Hex color 939D5D looks on a white background.

Color Contrast Check

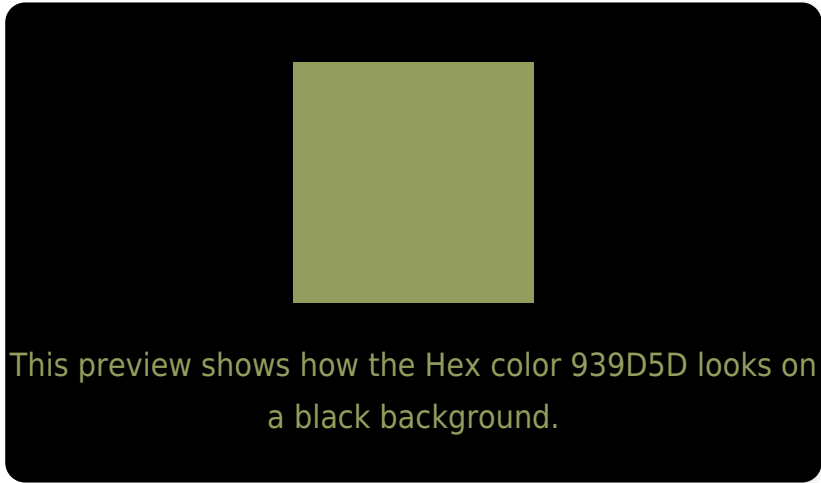
Large Text (above 18pt) WCAG AA × Fail

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

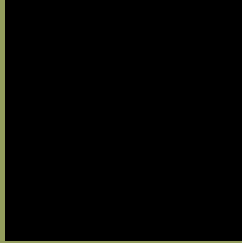
Any Text WCAG AA ✓ Pass

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 939D5D Background



This preview shows how black text looks on a background with the Hex color 939D5D.

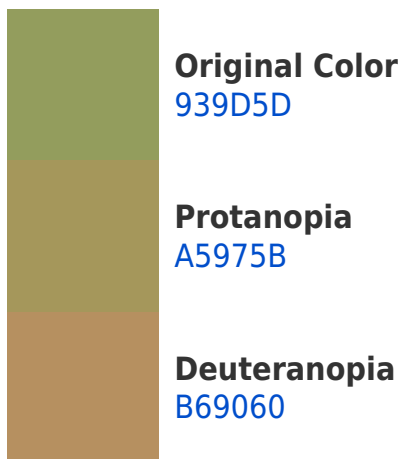


This preview shows how white text looks on a background with the Hex color 939D5D.

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](#).

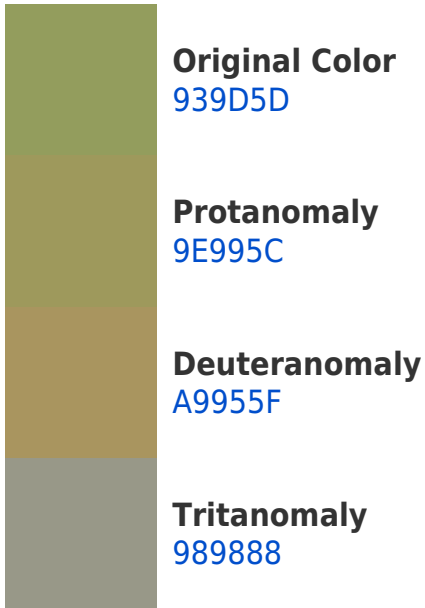
Dichromacy



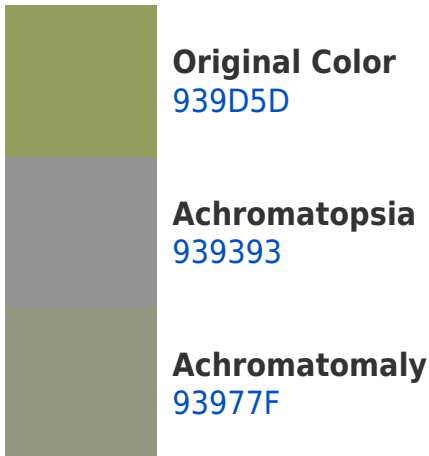


Tritanopia
9B95A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 939D5D 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 #939D5D looks like.

```
.text, #text, p{  
    color:#939D5D  
}
```

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 #939D5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939D5D
}
```

Border

The CSS property to change the border of an element to Hex 939D5D 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
#939D5D }
```

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

```
.border{ border-color:#939D5D }
```

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

Here you see how a box with a 4 pixel #939D5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939D5D; -webkit-box-shadow:4px 4px  
4px 4px #939D5D; box-shadow:4px 4px 4px  
4px #939D5D }
```

Background

The CSS property to change the background color of an element to Hex 939D5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939D5D }
```

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

```
.background{ background-color:#939D5D }
```

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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