

# Converting Colors

Hex(979A3E)

Have a look what the booklet for  
Hex(979A3E) contains.

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**Color**

**Hex(979A3E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	979A3E
RGB	151, 154, 62
RGB Percent	59%, 60%, 24%
CMY	0.4078, 0.3961, 0.7569
CMYK	0.02, 0.00, 0.60, 0.40
HSL	62°, 43%, 42%
HSV	62°, 60%, 60%
XYZ	25.1876, 30.0383, 9.0279
YIQ	142.6150, 27.7440, -29.2480

# Conversions

## Conversions Part 2

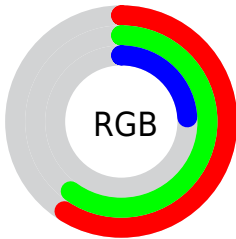
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">62, 154, 65</a>
Decimal	<a href="#">9935422</a>
CIELab	<a href="#">61.69, -13.70, 46.73</a>
CIELCh	<a href="#">62, 48.699, 106.339</a>
Yxy	<a href="#">30.0383, 0.3920, 0.4675</a>
Android (android.graphics.Color)	<a href="#">4288125502 (0xFF979A3E)</a>
YUV	<a href="#">142.6150, -39.7432, 7.3536</a>
Hunter-Lab	<a href="#">54.8072, -13.8799, 28.5988</a>

# Details

The Hex color **979A3E** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **413E9A**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **CFD071**, and **616705** is the 20% darker color. If you saturate the color by 10%, you get **969A2F**, and if you desaturate by 10%, it is **989A4D**.

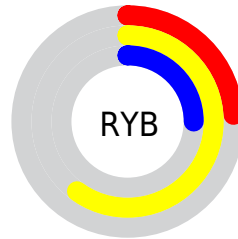
# Distribution



Red (59%)

Green (60%)

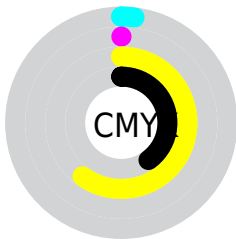
Blue (24%)



Red (24%)

Yellow (60%)

Blue (25%)

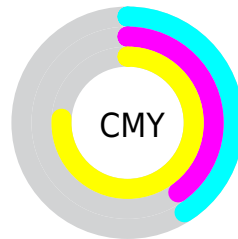


Cyan (2%)

Magenta (0%)

Yellow (60%)

Black (40%)



Cyan (41%)

Magenta (40%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 979A3E 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 979A3E by changing the saturation by 10% instead.



 979A3E

 979A3E

FFFFFF

 7C8024

 CFD071

 616705

 ECEC8C

 484F00

 FFFFA7

 2F3800

 FFFFC3

 162300

 FFFFDF

 000B00

FFFFFFC

 000000

 979A3E

 979A3E

 969A2F

 989A4D

969A1F

989A5D

959A10

999A6C

959A00

999A7C

9A9A8B

9A9A9A

9B9AAA

9B9AB9

9C9AC9

# Harmonies

## Analogous

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



BF8C3F



979A3E



66A457

# Triad

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



979A3E



00A8D2



DB72AB

# Complementary

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



979A3E



413E9A

# 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.



B680D1



979A3E



009FE8

# Square

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



979A3E



00ABAC



7691E8



E6717F

# Rectangle

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



979A3E



38A871



7691E8



D176B8



# Sweetspot

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



979A3E



C8C9A5



9A403E



656650



E6E6E6



666666



# Same Dimension

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



979A3E



C5C938



6A9A3E



4C4D45



888C00



0C0D00



# Inverse Universe

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



413E9A



3D38C9



6E3E9A



45454D



05008C



00000D



# Previews

## White Background



This preview shows how the Hex color 979A3E looks on a white background.

## Color Contrast Check

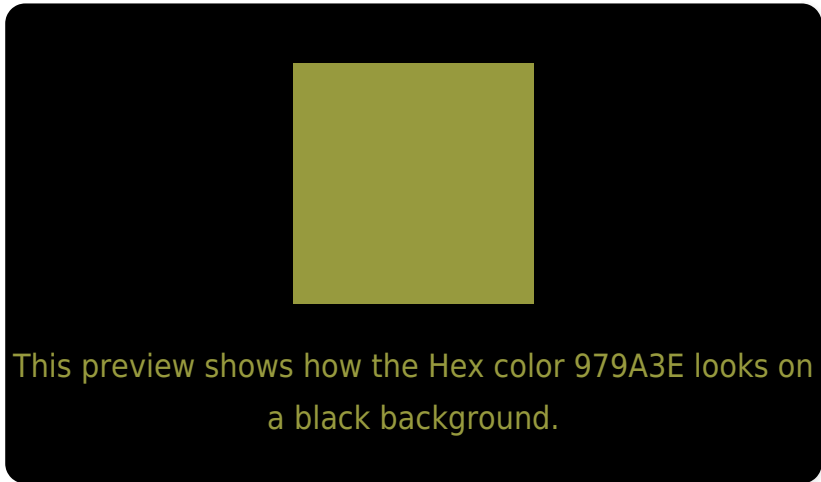
Large Text (above 18pt) WCAG AA ✓ Pass

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

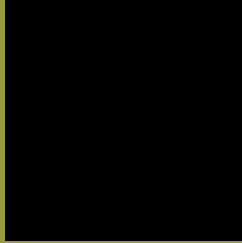
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 979A3E Background



This preview shows how black text looks on a background with the Hex color 979A3E.



This preview shows how white text looks on a background with the Hex color 979A3E.

# 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



**Original Color**  
979A3E

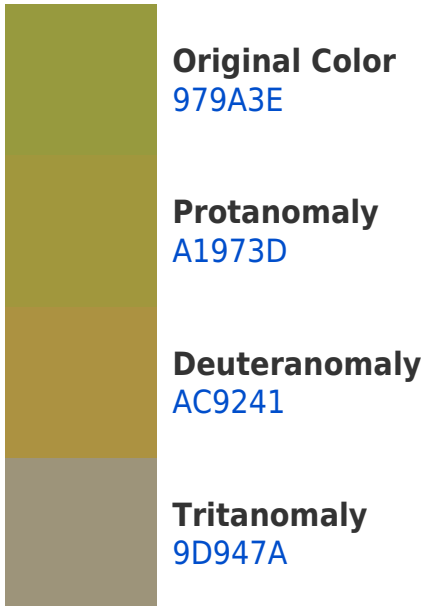
**Protanopia**  
A6953D

**Deuteranopia**  
B88E42

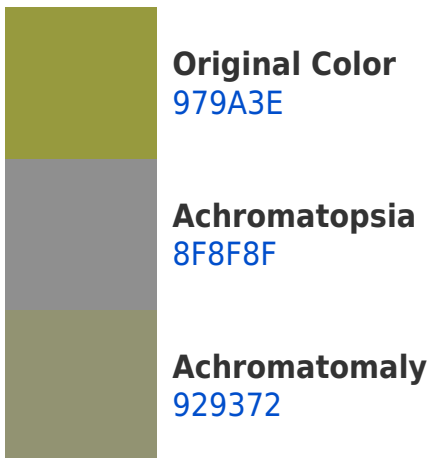


**Tritanopia**  
A0909C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 979A3E 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 #979A3E looks like.

```
.text, #text, p{  
    color:#979A3E  
}
```

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 #979A3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #979A3E
}
```

## Border

The CSS property to change the border of an element to Hex 979A3E 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
#979A3E }
```

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

```
.border{ border-color:#979A3E }
```

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

Here you see how a box with a 4 pixel #979A3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #979A3E; -webkit-box-shadow:4px 4px  
4px 4px #979A3E; box-shadow:4px 4px 4px  
4px #979A3E }
```

# Background

The CSS property to change the background color of an element to Hex 979A3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#979A3E }
```

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

```
.background{ background-color:#979A3E }
```

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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