

# Converting Colors

Hex(979A44)

Have a look what the booklet for  
Hex(979A44) contains.

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**Color**

**Hex(979A44)**

# Conversions

## Conversions Part 1

Format	Color
Hex	979A44
RGB	151, 154, 68
RGB Percent	59%, 60%, 27%
CMY	0.4078, 0.3961, 0.7333
CMYK	0.02, 0.00, 0.56, 0.40
HSL	62°, 39%, 44%
HSV	62°, 56%, 60%
XYZ	25.3615, 30.1079, 9.9435
YIQ	143.2990, 25.8180, -27.3820

# Conversions

## Conversions Part 2

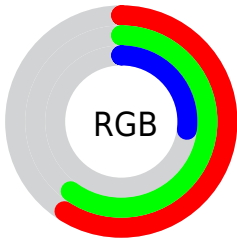
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">68, 154, 71</a>
Decimal	<a href="#">9935428</a>
CIELab	<a href="#">61.75, -13.22, 43.98</a>
CIELCh	<a href="#">62, 45.926, 106.731</a>
Yxy	<a href="#">30.1079, 0.3877, 0.4603</a>
Android (android.graphics.Color)	<a href="#">4288125508 (0xFF979A44)</a>
YUV	<a href="#">143.2990, -37.1224, 6.7538</a>
Hunter-Lab	<a href="#">54.8706, -13.5200, 27.6650</a>

# Details

The Hex color **979A44** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **47449A**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **CFD077**, and **626710** is the 20% darker color. If you saturate the color by 10%, you get **969A35**, and if you desaturate by 10%, it is **989A53**.

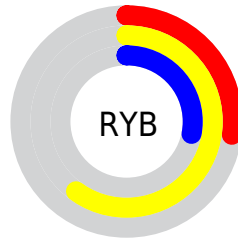
# Distribution



Red (59%)

Green (60%)

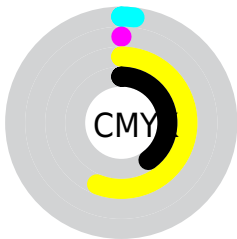
Blue (27%)



Red (27%)

Yellow (60%)

Blue (28%)

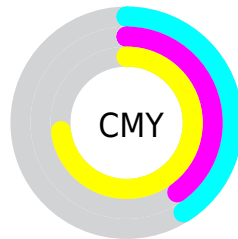


Cyan (2%)

Magenta (0%)

Yellow (56%)

Black (40%)



Cyan (41%)

Magenta (40%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 979A44 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 979A44 by changing the saturation by 10% instead.





979A44



979A44

FFFFFF



7C802B



CFD077



626710



ECEC92



484F00



FFFFAD



303800



FFFFC9



172300



FFFFE5



000C00



000000



979A44



979A44



969A35



989A53

■ 969A25

■ 989A63

■ 959A16

■ 999A72

■ 959A06

■ 999A82

■ 959A00

■ 9A9A91

■ 9A9AA0

■ 9B9AB0

■ 9B9ABF

■ 9C9ACF

# Harmonies

## Analogous

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



BD8D45



979A44



69A35B

# Triad

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



979A44



00A7CF



D775A9

# Complementary

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



979A44



47449A

# 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.



B582CD



979A44



009FE4

# Square

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



979A44



00AAAB



7A91E3



E27480

# Rectangle

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



979A44



40A774



7A91E3



CF78B6



# Sweetspot

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



979A44



C8C9A7



9A4744



656652



E6E6E6



666666



# Same Dimension

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



979A44



C5C942



6C9A44



4C4D45



878C00



0C0D00



# Inverse Universe

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



47449A



4742C9



72449A



45454D



05008C



00000D



# Previews

## White Background



This preview shows how the Hex color 979A44 looks on a white background.

## Color Contrast Check

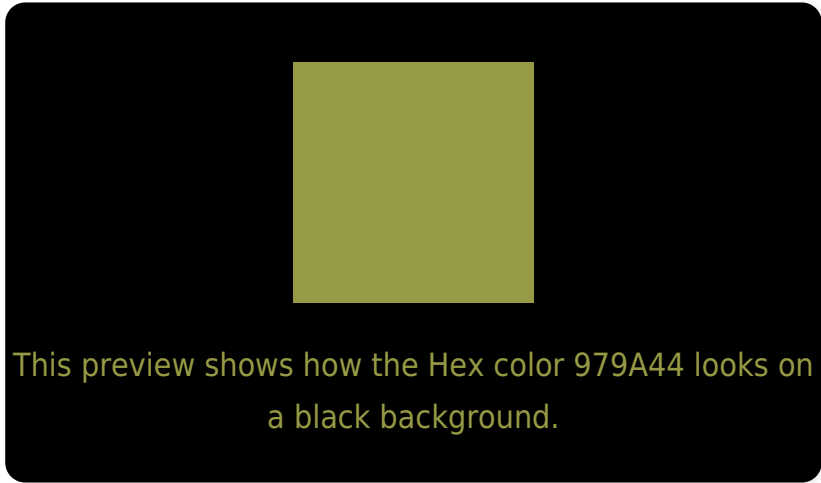
Large Text (above 18pt) WCAG AA × Fail

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

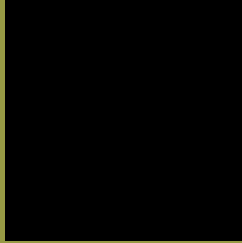
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 979A44 Background



This preview shows how black text looks on a background with the Hex color 979A44.



This preview shows how white text looks on a background with the Hex color 979A44.

# 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**  
979A44

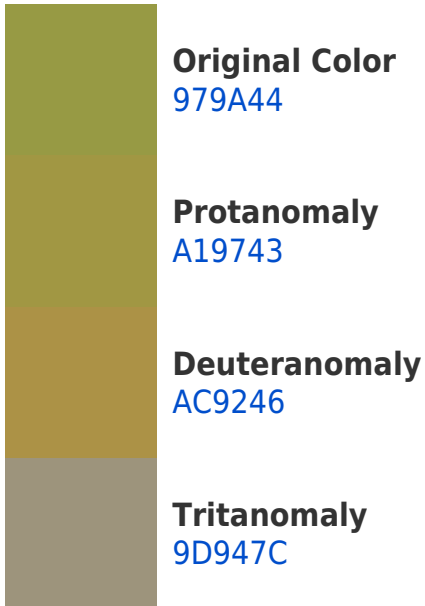
**Protanopia**  
A69543

**Deuteranopia**  
B88E47

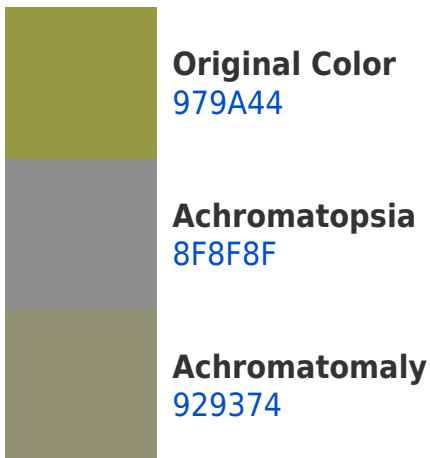


**Tritanopia**  
A0919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 979A44 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 #979A44 looks like.

```
.text, #text, p{  
    color:#979A44  
}
```

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 #979A44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #979A44
}
```

## Border

The CSS property to change the border of an element to Hex 979A44 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
#979A44 }
```

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

```
.border{ border-color:#979A44 }
```

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

Here you see how a box with a 4 pixel #979A44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #979A44; -webkit-box-shadow:4px 4px  
4px 4px #979A44; box-shadow:4px 4px 4px  
4px #979A44 }
```

# Background

The CSS property to change the background color of an element to Hex 979A44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#979A44 }
```

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

```
.background{ background-color:#979A44 }
```

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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