

Converting Colors

Hex(979846)

Have a look what the booklet for
Hex(979846) contains.

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Color

Hex(979846)

Conversions

Conversions Part 1

Format	Color
Hex	979846
RGB	151, 152, 70
RGB Percent	59%, 60%, 27%
CMY	0.4078, 0.4039, 0.7255
CMYK	0.01, 0.00, 0.54, 0.40
HSL	61°, 37%, 44%
HSV	61°, 54%, 60%
XYZ	25.0962, 29.4780, 10.1615
YIQ	142.3530, 25.7260, -25.7140

Conversions

Conversions Part 2

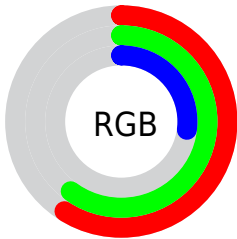
Format	Color
RYB	70, 152, 71
Decimal	9934918
CIELab	61.20, -11.99, 42.39
CIElCh	61, 44.051, 105.800
Yxy	29.4780, 0.3877, 0.4554
Android (android.graphics.Color)	4288124998 (0xFF979846)
YUV	142.3530, -35.6700, 7.5834
Hunter-Lab	54.2936, -12.5055, 26.9090

Details

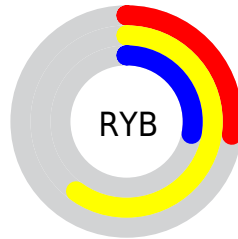
The Hex color **979846** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **474698**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **CFCE79**, and **626513** is the 20% darker color. If you saturate the color by 10%, you get **979837**, and if you desaturate by 10%, it is **979855**.

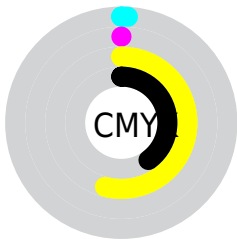
Distribution



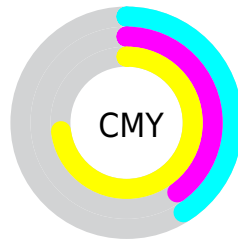
- Red (59%)
- Green (60%)
- Blue (27%)



- Red (27%)
- Yellow (60%)
- Blue (28%)



- Cyan (1%)
- Magenta (0%)
- Yellow (54%)
- Black (40%)



- Cyan (41%)
- Magenta (40%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 979846 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 979846 by changing the saturation by 10% instead.

 979846

 979846

FFFFFF

 7C7E2D

 CFCE79

 626513

 ECEA93

 484D00

 FFFFAF

 303700

 FFFFCA

 182100

 FFFFEE

 000800

 000000

 979846

 979846

 979837

 979855

■ 979828

■ 979864

■ 969818

■ 989874

■ 969809

■ 989883

■ 969800

■ 989892

■ 9898A1

■ 9898B0

■ 9898C0

■ 9998CF

Harmonies

Analogous

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



BB8B47



979846



6BA15C

Triad

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



979846



00A5CB



D376A8

Complementary

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



979846



474698

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.



B182CA



979846



019DDF

Square

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



979846



00A8A8



7991DF



DE7481

Rectangle

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



979846



46A572



7991DF



CA79B4

Sweetspot

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



979846



C4C4A5



984646



636351



E3E3E3



636363

Same Dimension

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



979846



C3C445



6F9846



4C4D45



8B8C00



0D0D00

Inverse Universe

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



474698



4645C4



6F4698



45454D



02008C



00000D

Previews

White Background



This preview shows how the Hex color 979846 looks on a white background.

Color Contrast Check

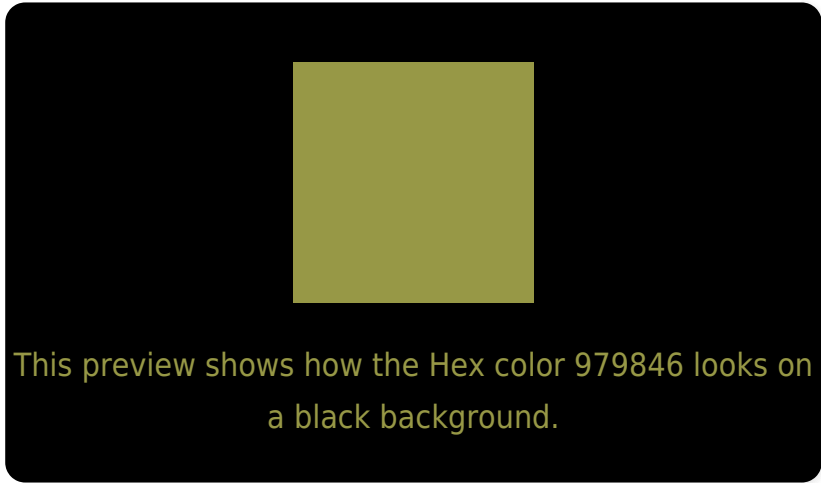
Large Text (above 18pt) WCAG AA ✓ Pass

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

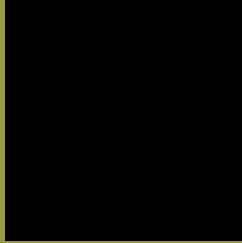
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 979846 Background



This preview shows how black text looks on a background with the Hex color 979846.

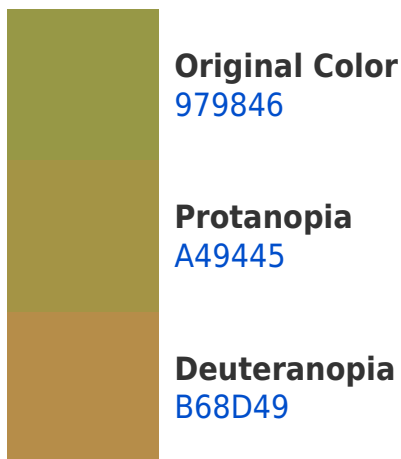


This preview shows how white text looks on a background with the Hex color 979846.

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](#).

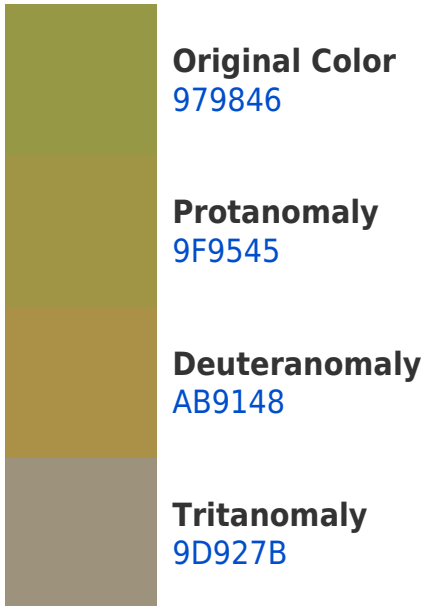
Dichromacy



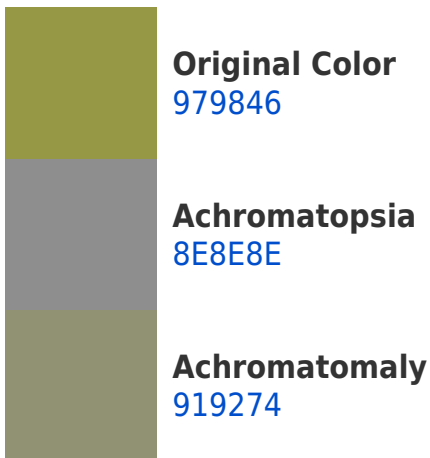


Tritanopia
A08F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 979846 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 #979846 looks like.

```
.text, #text, p{  
    color:#979846  
}
```

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 #979846 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #979846
}
```

Border

The CSS property to change the border of an element to Hex 979846 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
#979846 }
```

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

```
.border{ border-color:#979846 }
```

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

Here you see how a box with a 4 pixel #979846 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #979846; -webkit-box-shadow:4px 4px  
4px 4px #979846; box-shadow:4px 4px 4px  
4px #979846 }
```

Background

The CSS property to change the background color of an element to Hex 979846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#979846 }
```

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

```
.background{ background-color:#979846 }
```

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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