

Converting Colors

Hex(978146)

Have a look what the booklet for
Hex(978146) contains.

Hex(978146)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(978146)

Conversions

Conversions Part 1

Format	Color
Hex	978146
RGB	151, 129, 70
RGB Percent	59%, 51%, 27%
CMY	0.4078, 0.4941, 0.7255
CMYK	0.00, 0.15, 0.54, 0.41
HSL	44°, 37%, 43%
HSV	44°, 54%, 59%
XYZ	21.7182, 22.7220, 9.0355
YIQ	128.8520, 32.0510, -13.6850

Conversions

Conversions Part 2

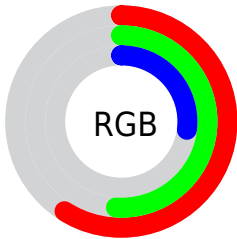
Format	Color
RYB	100, 151, 70
Decimal	9929030
CIELab	54.78, 0.57, 34.81
CIElCh	55, 34.812, 89.059
Yxy	22.7220, 0.4061, 0.4249
Android (android.graphics.Color)	4288119110 (0xFF978146)
YUV	128.8520, -29.0140, 19.4238
Hunter-Lab	47.6676, -2.0904, 22.1288

Details

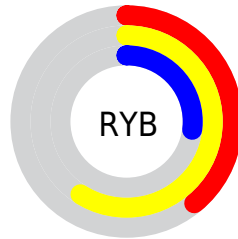
The Hex color **978146** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **465C97**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **CFB678**, and **625017** is the 20% darker color. If you saturate the color by 10%, you get **977D37**, and if you desaturate by 10%, it is **978555**.

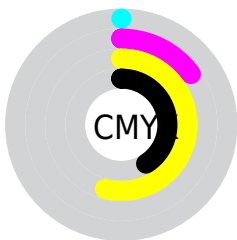
Distribution



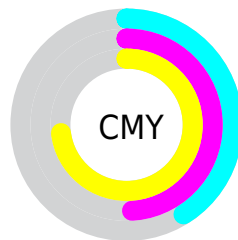
- Red (59%)
- Green (51%)
- Blue (27%)



- Red (39%)
- Yellow (59%)
- Blue (27%)



- Cyan (0%)
- Magenta (15%)
- Yellow (54%)
- Black (41%)



- Cyan (41%)
- Magenta (49%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 978146 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 978146 by changing the saturation by 10% instead.

 978146

 978146

FFFFFF

 7C682E

 CFB678

 625017

 ECD192

 483900

 FFEDAD

 302400

 FFFFC8

 170F00

 FFFF E5

 000000

 978146

 978146

 977D37

 978555

 977928

 978964

 977519

 978D73

 97710A

 979182

 976E00

 979692

 979AA1

 979EB0

 97A2BF

 97A6CE

Harmonies

Analogous

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



AF7650



978146



788A4D

Triad

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



978146



00929F



A871A3

Complementary

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



978146



465C97

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.



857CB8



978146



008EB6

Square

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



978146



229381



5286BF



BA6B85

Rectangle

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



978146



618E5A



5286BF



9E74AB

Sweetspot

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



978146



C4BCA5



97465D



635E51



E3E3E3



636363

Same Dimension

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



978146



C4A247



859746



4D4A45



8C6600



0D0900

Inverse Universe

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



465C97



4769C4



584697



45474D



00268C



00030D

Previews

White Background



This preview shows how the Hex color 978146 looks on a white background.

Color Contrast Check

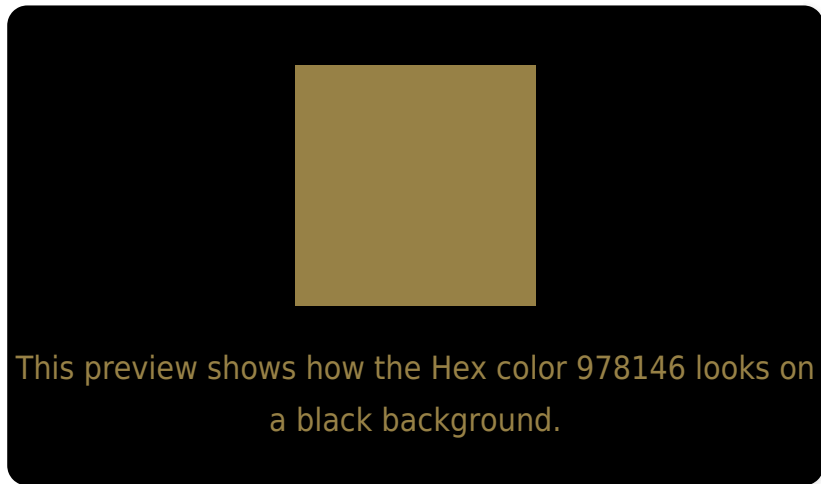
Large Text (above 18pt) WCAG AA ✓ Pass

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

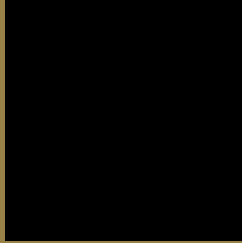
Any Text WCAG AA ✓ Pass

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 978146 Background



This preview shows how black text looks on a background with the Hex color 978146.



This preview shows how white text looks on a background with the Hex color 978146.

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
978146

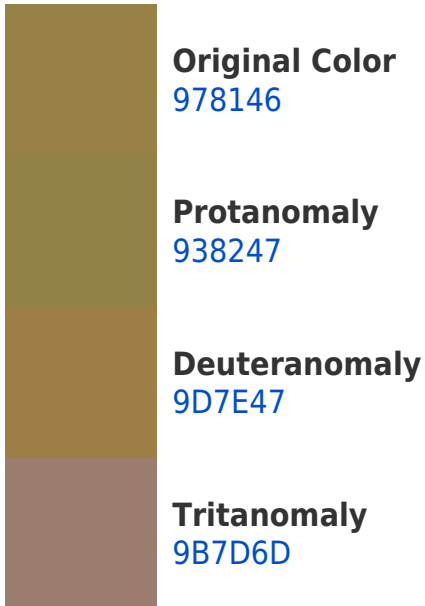
Protanopia
918347

Deuteranopia
A17D47

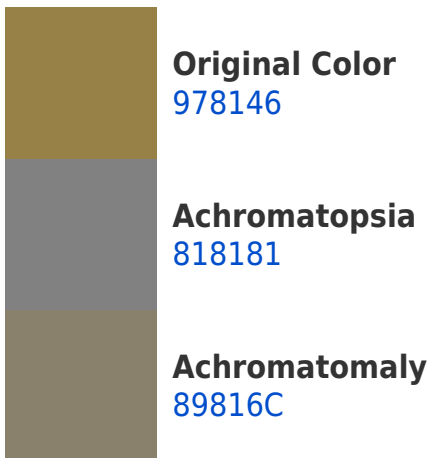


Tritanopia
9D7A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 978146 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 #978146 looks like.

```
.text, #text, p{  
    color:#978146  
}
```

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 #978146 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #978146
}
```

Border

The CSS property to change the border of an element to Hex 978146 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
#978146 }
```

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

```
.border{ border-color:#978146 }
```

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

Here you see how a box with a 4 pixel #978146 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #978146; -webkit-box-shadow:4px 4px  
4px 4px #978146; box-shadow:4px 4px 4px  
4px #978146 }
```

Background

The CSS property to change the background color of an element to Hex 978146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#978146 }
```

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

```
.background{ background-color:#978146 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor