

# Converting Colors

Hex(978342)

Have a look what the booklet for  
Hex(978342) contains.

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**Color**

**Hex(978342)**

# Conversions

## Conversions Part 1

Format	Color
Hex	978342
RGB	151, 131, 66
RGB Percent	59%, 51%, 26%
CMY	0.4078, 0.4863, 0.7412
CMYK	0.00, 0.13, 0.56, 0.41
HSL	46°, 39%, 43%
HSV	46°, 56%, 59%
XYZ	21.8622, 23.2053, 8.4811
YIQ	129.5700, 32.7850, -15.9750

# Conversions

## Conversions Part 2

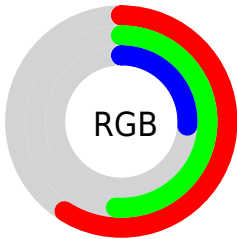
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 151, 66
Decimal	9929538
CIELab	55.28, -0.90, 37.49
CIElCh	55, 37.499, 91.379
Yxy	23.2053, 0.4083, 0.4334
Android (android.graphics.Color)	4288119618 (0xFF978342)
YUV	129.5700, -31.3400, 18.7941
Hunter-Lab	48.1718, -3.2908, 23.2818

# Details

The Hex color **978342** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **425697**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **CFB874**, and **625212** is the 20% darker color. If you saturate the color by 10%, you get **977F33**, and if you desaturate by 10%, it is **978751**.

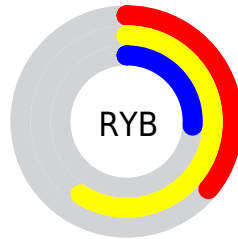
# Distribution



Red (59%)

Green (51%)

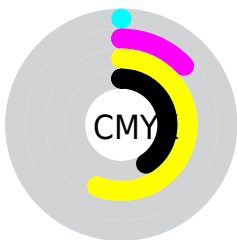
Blue (26%)



Red (36%)

Yellow (59%)

Blue (26%)

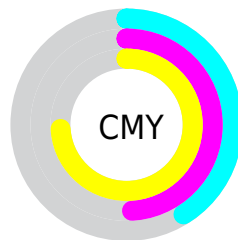


Cyan (0%)

Magenta (13%)

Yellow (56%)

Black (41%)



Cyan (41%)

Magenta (49%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 978342 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 978342 by changing the saturation by 10% instead.



 978342

 978342

FFFFFF

 7C6A2A

 CFB874

 625212

 ECD38E

 483B00

 FFF0A9

 302600

 FFFFC4

 171100

 FFFFEE

 000000

FFFFFFD

 978342

 978342

 977F33

 978751

■ 977C24

■ 978A60

■ 977815

■ 978E6F

■ 977506

■ 97917E

■ 977300

■ 97958E

■ 97989D

■ 979CAC

■ 979FBB

■ 97A3CA

# Harmonies

## Analogous

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



B1774C



978342



758C4B

# Triad

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



978342



0094A5



AE70A4

# Complementary

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



978342



425697

# 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.



897BBC



978342



0090BD

# Square

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



978342



009585



5287C5



C06A84

# Rectangle

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



978342



5B915B



5287C5



A473AD



# Sweetspot

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



978342



C4BCA3



974257



635F50



E3E3E3



636363



# Same Dimension

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



978342



C4A53F



829742



4D4B45



8C6B00



0D0A00



# Inverse Universe

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



425697



3F5EC4



574297



45474D



00218C



00030D



# Previews

## White Background



This preview shows how the Hex color 978342 looks on a white background.

## Color Contrast Check

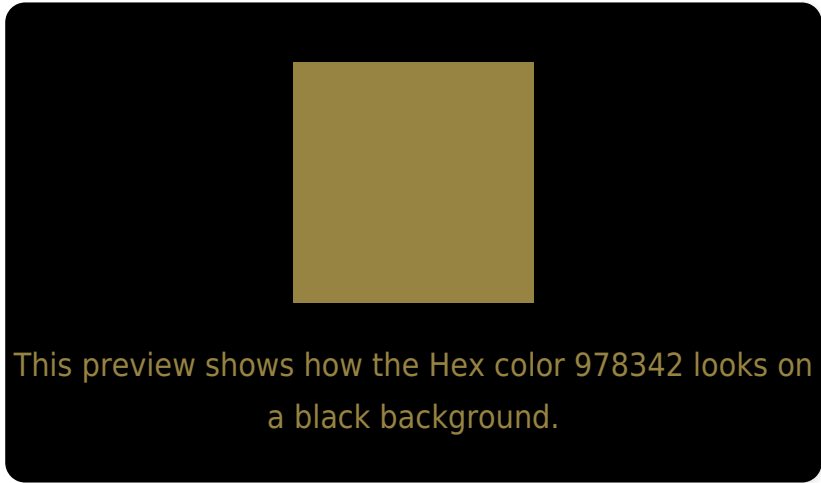
Large Text (above 18pt) WCAG AA ✓ Pass

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

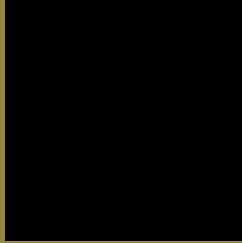
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 978342 Background



This preview shows how black text looks on a background with the Hex color 978342.



This preview shows how white text looks on a background with the Hex color 978342.

# 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**  
978342

**Protanopia**  
928543

**Deuteranopia**  
A37E43



**Tritanopia**  
9D7C85

# Trichromacy



**Original Color**  
978342

**Protanomaly**  
948443

**Deuteranomaly**  
9F8043

**Tritanomaly**  
9B7F6D

# Monochromacy



**Original Color**  
978342

**Achromatopsia**  
828282

**Achromatomaly**  
8A826B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 978342 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 #978342 looks like.

```
.text, #text, p{  
    color:#978342  
}
```

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 #978342 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #978342
}
```

## Border

The CSS property to change the border of an element to Hex 978342 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
#978342 }
```

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

```
.border{ border-color:#978342 }
```

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

Here you see how a box with a 4 pixel #978342 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #978342; -webkit-box-shadow:4px 4px  
4px 4px #978342; box-shadow:4px 4px 4px  
4px #978342 }
```

# Background

The CSS property to change the background color of an element to Hex 978342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#978342 }
```

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

```
.background{ background-color:#978342 }
```

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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