

# Converting Colors

Hex(978730)

Have a look what the booklet for  
Hex(978730) contains.

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**Color**

**Hex(978730)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	978730
RGB	151, 135, 48
RGB Percent	59%, 53%, 19%
CMY	0.4078, 0.4706, 0.8118
CMYK	0.00, 0.11, 0.68, 0.41
HSL	51°, 52%, 39%
HSV	51°, 68%, 59%
XYZ	21.9600, 24.1207, 6.2946
YIQ	129.8660, 37.4630, -23.6650

# Conversions

## Conversions Part 2

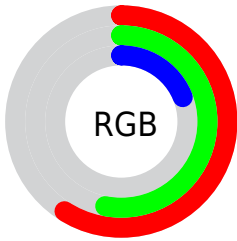
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 151, 48
Decimal	9930544
CIELab	56.21, -4.43, 47.16
CIELCh	56, 47.372, 95.371
Yxy	24.1207, 0.4193, 0.4605
Android (android.graphics.Color)	4288120624 (0xFF978730)
YUV	129.8660, -40.3599, 18.5345
Hunter-Lab	49.1128, -6.1340, 26.7799

# Details

The Hex color **978730** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **304097**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **D0BC63**, and **615600** is the 20% darker color. If you saturate the color by 10%, you get **978521**, and if you desaturate by 10%, it is **97893F**.

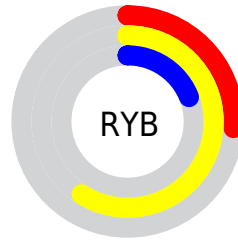
# Distribution



Red (59%)

Green (53%)

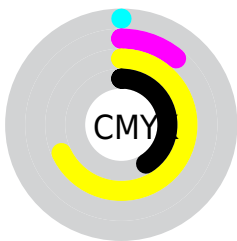
Blue (19%)



Red (26%)

Yellow (59%)

Blue (19%)

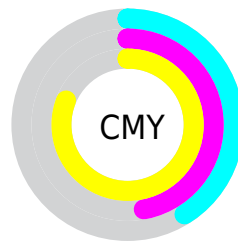


Cyan (0%)

Magenta (11%)

Yellow (68%)

Black (41%)



Cyan (41%)

Magenta (47%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 978730 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 978730 by changing the saturation by 10% instead.



 978730

 978730

FFFFFF

 7C6E15

 D0BC63

 615600

 EDD87D

 473F00

 FFF498

 2E2900

 FFFFB3

 141500

 FFFFCF

 000000

 FFFFEC

 978730

 978730

 978521

 97893F

■ 978212

■ 978C4E

■ 978003

■ 978E5D

■ 978000

■ 97906C

■ 97937C

■ 97958B

■ 97979A

■ 979AA9

■ 979CB8

# Harmonies

## Analogous

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



B9783B



978730



6C9240

# Triad

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



978730



009AB5



BF69AA

# Complementary

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



978730



304097

# 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.



9379CA



978730



0094D1

# Square

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



978730



009B8D



4689D9



D26281

# Rectangle

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



978730



479756



4689D9



B36EB6



# Sweetspot

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



978730



C4BE9D



973041



63604C



E3E3E3



636363



# Same Dimension

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



978730



C4AB23



759730



4D4B45



8C7600



0D0B00



# Inverse Universe

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



304097



233CC4



523097



45464D



00168C



00020D



# Previews

## White Background



This preview shows how the Hex color 978730 looks on a white background.

## Color Contrast Check

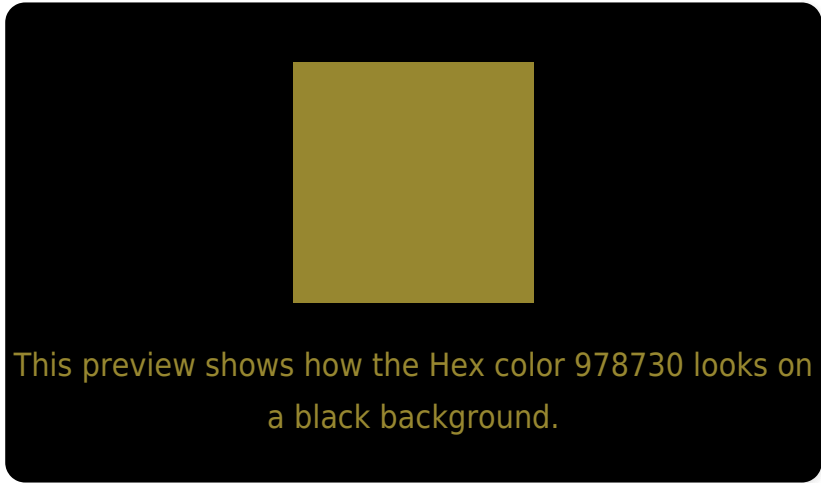
Large Text (above 18pt) WCAG AA ✓ Pass

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 978730 Background



This preview shows how black text looks on a background with the Hex color 978730.



This preview shows how white text looks on a background with the Hex color 978730.

# 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**  
978730

**Protanopia**  
978730

**Deuteranopia**  
A88032



**Tritanopia**  
9E7E88

# Trichromacy



**Original Color**  
978730

**Protanomaly**  
978730

**Deuteranomaly**  
A28331

**Tritanomaly**  
9B8168

# Monochromacy



**Original Color**  
978730

**Achromatopsia**  
828282

**Achromatomaly**  
8A8464

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 978730 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 #978730 looks like.

```
.text, #text, p{  
    color:#978730  
}
```

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 #978730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #978730
}
```

## Border

The CSS property to change the border of an element to Hex 978730 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
#978730 }
```

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

```
.border{ border-color:#978730 }
```

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

Here you see how a box with a 4 pixel #978730 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #978730; -webkit-box-shadow:4px 4px  
4px 4px #978730; box-shadow:4px 4px 4px  
4px #978730 }
```

# Background

The CSS property to change the background color of an element to Hex 978730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#978730 }
```

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

```
.background{ background-color:#978730 }
```

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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