

# Converting Colors

Hex(978107)

Have a look what the booklet for  
Hex(978107) contains.

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**Color**

**Hex(978107)**

# Conversions

## Conversions Part 1

Format	Color
Hex	978107
RGB	151, 129, 7
RGB Percent	59%, 51%, 3%
CMY	0.4078, 0.4941, 0.9725
CMYK	0.00, 0.15, 0.95, 0.41
HSL	51°, 91%, 31%
HSV	51°, 95%, 59%
XYZ	20.6511, 22.2952, 3.4160
YIQ	121.6700, 52.2740, -33.2780

# Conversions

## Conversions Part 2

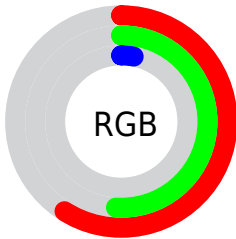
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 151, 7
Decimal	9928967
CIE Lab	54.34, -2.60, 58.20
CIE LCh	54, 58.253, 92.555
Yxy	22.2952, 0.4454, 0.4809
Android (android.graphics.Color)	4288119047 (0xFF978107)
YUV	121.6700, -56.5323, 25.7224
Hunter-Lab	47.2178, -4.5625, 28.7631

# Details

The Hex color **978107** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **071D97**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **D1B546**, and **605000** is the 20% darker color. If you saturate the color by 10%, you get **978000**, and if you desaturate by 10%, it is **978316**.

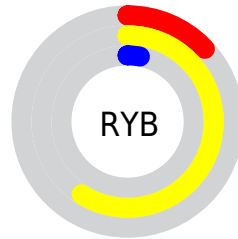
# Distribution



Red (59%)

Green (51%)

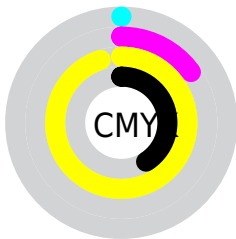
Blue (3%)



Red (13%)

Yellow (59%)

Blue (3%)

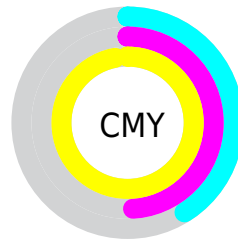


Cyan (0%)

Magenta (15%)

Yellow (95%)

Black (41%)



Cyan (41%)

Magenta (49%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 978107 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 978107 by changing the saturation by 10% instead.



 978107

 978107

FFFFFF

 7B6800

 D1B546

 605000

 EFD161

 453A00

 FFED7C

 2B2400

 FFFF97

 101000

 FFFFB3

 000000

 FFFFCE

 FFFFEC

 978107

 978107

■ 978000

■ 978316

■ 978625

■ 978834

■ 978A43

■ 978D53

■ 978F62

■ 979171

■ 979380

■ 97968F

# Harmonies

## Analogous

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



BF6E25



978107



648E23

# Triad

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



978107



0099B7



C25CB1

# Complementary

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



978107



071D97

# 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.



8773D7



978107



0093DB

# Square

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



978107



009985



0086E7



DB5080

# Rectangle

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



978107



329441



0086E7



B263C0



# Sweetspot

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



978107



C4BC8B



97071F



635E41



E3E3E3



636363



# Same Dimension

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



978107



C4A600



679707



4D4B45



8C7700



0D0B00



# Inverse Universe

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



071D97



001EC4



370797



45464D



00158C

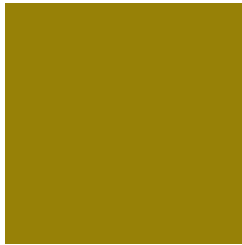


00020D



# Previews

## White Background



This preview shows how the Hex color 978107 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 978107 Background



This preview shows how black text looks on a background with the Hex color 978107.

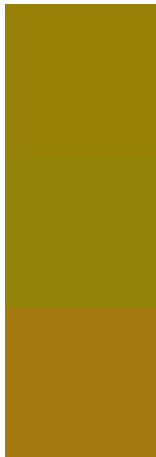


This preview shows how white text looks on a background with the Hex color 978107.

# 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**  
978107

**Protanopia**  
938308

**Deuteranopia**  
A47B10



**Tritanopia**  
9E7881

# Trichromacy



**Original Color**  
978107

**Protanomaly**  
948208

**Deuteranomaly**  
9F7D0D

**Tritanomaly**  
9B7B55

# Monochromacy



**Original Color**  
978107

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
857D50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 978107 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 #978107 looks like.

```
.text, #text, p{  
    color:#978107  
}
```

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 #978107 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #978107
}
```

## Border

The CSS property to change the border of an element to Hex 978107 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
#978107 }
```

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

```
.border{ border-color:#978107 }
```

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

Here you see how a box with a 4 pixel #978107 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #978107; -webkit-box-shadow:4px 4px  
4px 4px #978107; box-shadow:4px 4px 4px  
4px #978107 }
```

# Background

The CSS property to change the background color of an element to Hex 978107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#978107 }
```

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

```
.background{ background-color:#978107 }
```

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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