

# Converting Colors

Hex(967E27)

Have a look what the booklet for  
Hex(967E27) contains.

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**Color**

**Hex(967E27)**

# Conversions

## Conversions Part 1

Format	Color
Hex	967E27
RGB	150, 126, 39
RGB Percent	59%, 49%, 15%
CMY	0.4118, 0.5059, 0.8471
CMYK	0.00, 0.16, 0.74, 0.41
HSL	47°, 59%, 37%
HSV	47°, 74%, 59%
XYZ	20.4047, 21.5522, 5.0040
YIQ	123.2580, 42.2310, -21.9690

# Conversions

## Conversions Part 2

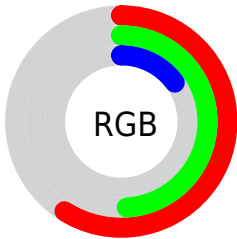
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 150, 39
Decimal	9862695
CIE <sub>Lab</sub>	53.55, -0.39, 48.27
CIE <sub>LCh</sub>	54, 48.274, 90.464
Yxy	21.5522, 0.4345, 0.4589
Android (android.graphics.Color)	4288052775 (0xFF967E27)
YUV	123.2580, -41.5392, 23.4527
Hunter-Lab	46.4244, -2.7872, 26.1063

# Details

The Hex color **967E27** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **273F96**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **CFB25A**, and **5F4D00** is the 20% darker color. If you saturate the color by 10%, you get **967B18**, and if you desaturate by 10%, it is **968136**.

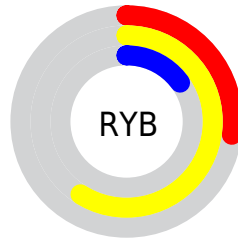
# Distribution



Red (59%)

Green (49%)

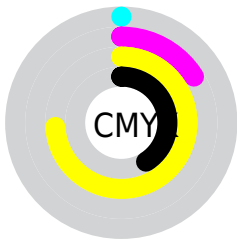
Blue (15%)



Red (27%)

Yellow (59%)

Blue (15%)

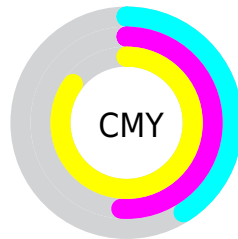


Cyan (0%)

Magenta (16%)

Yellow (74%)

Black (41%)



Cyan (41%)

Magenta (51%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 967E27 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 967E27 by changing the saturation by 10% instead.



 967E27

 967E27

FFFFFF

 7A6509

 CFB25A

 5F4D00


 ECCE74

 453700

 FFEA8E

 2C2200

 FFFFAA

 110C00

 FFFFC6

 000000

 FFFFEE

 967E27

 967E27

 967B18

 968136

■ 967809

■ 968445

■ 967600

■ 968854

■ 968B63

■ 968E72

■ 969181

■ 969590

■ 96989F

■ 969BAE

# Harmonies

## Analogous

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



B76E37



967E27



6C8A34

# Triad

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



967E27



0094A9



B364AA

# Complementary

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



967E27



273F96

# 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.



8275C8



967E27



008FC8

# Square

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



967E27



00947F



1D84D3



CA5A81

# Rectangle

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



967E27



498F49



1D84D3



A669B5



# Sweetspot

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



967E27



C2B997



96273F



615B48



E0E0E0



616161



# Same Dimension

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



967E27



C29D15



779627



4A4843



8A6C00



0A0800



# Inverse Universe

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



273F96



153BC2



462796



43444A



001E8A



00020A



# Previews

## White Background



This preview shows how the Hex color 967E27 looks on a white background.

## Color Contrast Check

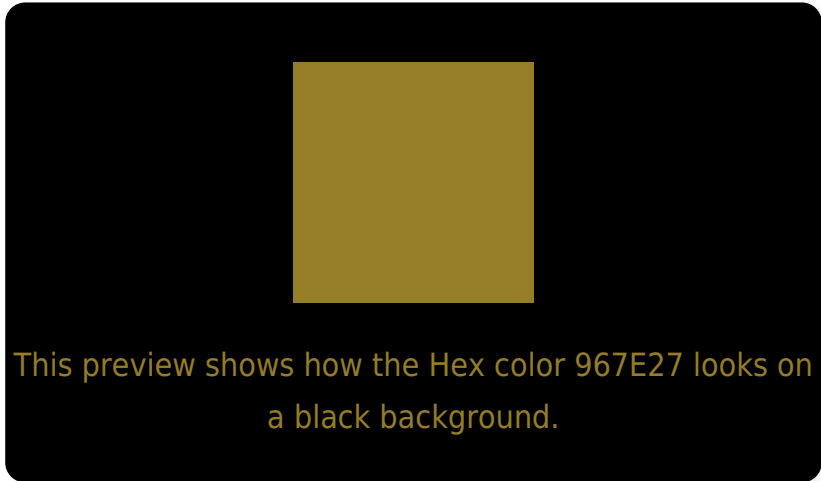
Large Text (above 18pt) WCAG AA ✓ Pass

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 967E27 Background



This preview shows how black text looks on a background with the Hex color 967E27.



This preview shows how white text looks on a background with the Hex color 967E27.

# 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**  
967E27

**Protanopia**  
908028

**Deuteranopia**  
A07A29



**Tritanopia**  
9C767F

# Trichromacy



**Original Color**  
967E27

**Protanomaly**  
927F28

**Deuteranomaly**  
9C7B28

**Tritanomaly**  
9A795F

# Monochromacy



**Original Color**  
967E27

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
857C5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 967E27 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 #967E27 looks like.

```
.text, #text, p{  
    color:#967E27  
}
```

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 #967E27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #967E27
}
```

## Border

The CSS property to change the border of an element to Hex 967E27 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
#967E27 }
```

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

```
.border{ border-color:#967E27 }
```

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

Here you see how a box with a 4 pixel #967E27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #967E27; -webkit-box-shadow:4px 4px  
4px 4px #967E27; box-shadow:4px 4px 4px  
4px #967E27 }
```

# Background

The CSS property to change the background color of an element to Hex 967E27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#967E27 }
```

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

```
.background{ background-color:#967E27 }
```

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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