

# Converting Colors

Hex(967407)

Have a look what the booklet for  
Hex(967407) contains.

<b>Hex(967407)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(967407)**

# Conversions

## Conversions Part 1

Format	Color
Hex	967407
RGB	150, 116, 7
RGB Percent	59%, 45%, 3%
CMY	0.4118, 0.5451, 0.9725
CMYK	0.00, 0.23, 0.95, 0.41
HSL	46°, 91%, 31%
HSV	46°, 95%, 59%
XYZ	18.8614, 18.9902, 2.8724
YIQ	113.7400, 55.2530, -26.6910

# Conversions

## Conversions Part 2

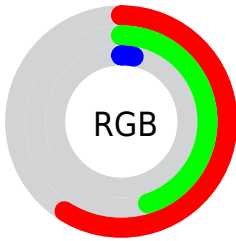
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 150, 7
Decimal	9860103
CIE Lab	50.68, 4.25, 55.42
CIE LCh	51, 55.583, 85.619
Yxy	18.9902, 0.4632, 0.4663
Android (android.graphics.Color)	4288050183 (0xFF967407)
YUV	113.7400, -52.6228, 31.8000
Hunter-Lab	43.5777, 0.9979, 26.5964

# Details

The Hex color **967407** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **072996**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **D0A844**, and **5F4400** is the 20% darker color. If you saturate the color by 10%, you get **967200**, and if you desaturate by 10%, it is **967816**.

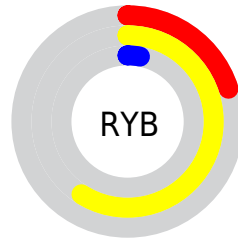
# Distribution



Red (59%)

Green (45%)

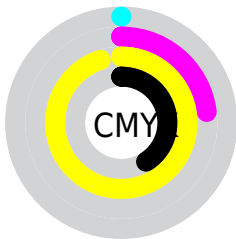
Blue (3%)



Red (20%)

Yellow (59%)

Blue (3%)

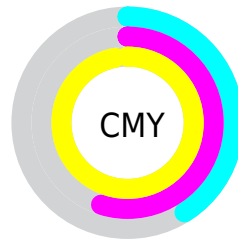


Cyan (0%)

Magenta (23%)

Yellow (95%)

Black (41%)



Cyan (41%)

Magenta (55%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 967407 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 967407 by changing the saturation by 10% instead.



 967407

 967407

FFFFFF

 7A5C00

 D0A844

 5F4400

 EEC35E

 432E00

 FFDF78

 2A1A00

 FFFB93

 0E0000

 FFFF4F

 000000

 FFFF8B

 FFFFCE

 967407

 967407

■ 967200

■ 967816

■ 967B25

■ 967F34

■ 968243

■ 968652

■ 968961

■ 968D70

■ 96917F

■ 96948E

# Harmonies

## Analogous

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



B96129



967407



688216

# Triad

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



967407



008FA0



AB5AAF

# Complementary

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



967407



072996

# 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.



6B6FCF



967407



008AC6

# Square

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



967407



008E70



0080D7



C94A82

# Rectangle

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



967407



418831



0080D7



9A61BB



# Sweetspot

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



967407



C2B48A



96072B



61593F



E0E0E0



616161



# Same Dimension

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



967407



C29400



729607



4A4843



8A6900



0A0800



# Inverse Universe

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



072996



002EC2



2B0796



43444A



00218A

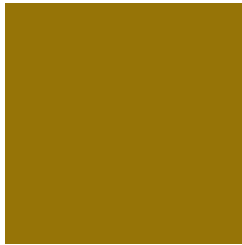


00020A



# Previews

## White Background



This preview shows how the Hex color 967407 looks on a white background.

## Color Contrast Check

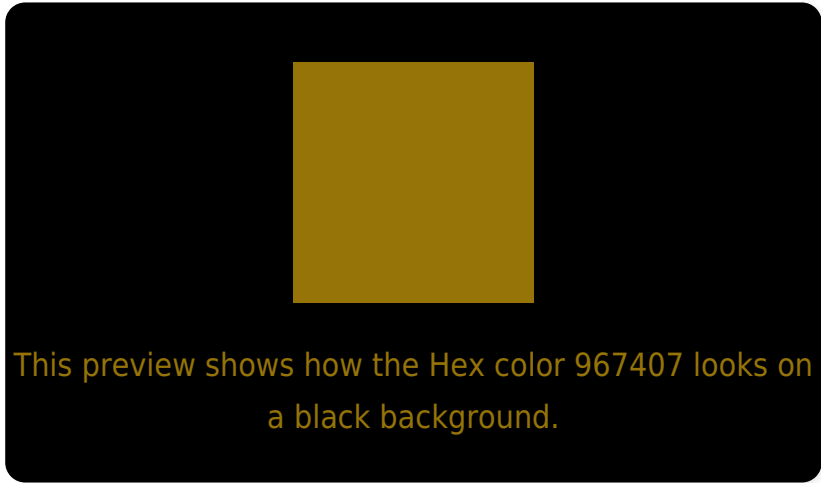
Large Text (above 18pt) WCAG AA ✓ Pass

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 967407 Background



This preview shows how black text looks on a background with the Hex color 967407.



This preview shows how white text looks on a background with the Hex color 967407.

# 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**  
967407

**Protanopia**  
88790A

**Deuteranopia**  
99730A

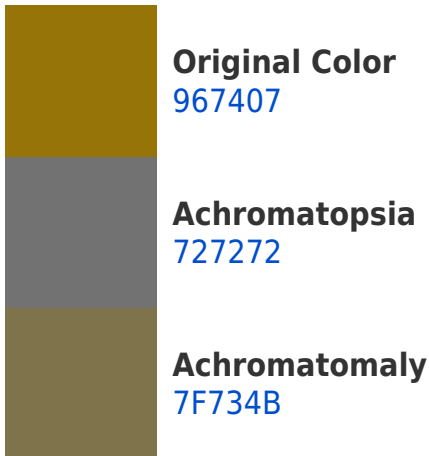


**Tritanopia**  
9C6C74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 967407 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 #967407 looks like.

```
.text, #text, p{  
    color:#967407  
}
```

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 #967407 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #967407
}
```

## Border

The CSS property to change the border of an element to Hex 967407 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
#967407 }
```

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

```
.border{ border-color:#967407 }
```

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

Here you see how a box with a 4 pixel #967407 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #967407; -webkit-box-shadow:4px 4px  
4px 4px #967407; box-shadow:4px 4px 4px  
4px #967407 }
```

# Background

The CSS property to change the background color of an element to Hex 967407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#967407 }
```

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

```
.background{ background-color:#967407 }
```

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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