

# Converting Colors

Hex(907D47)

Have a look what the booklet for  
Hex(907D47) contains.

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**Color**

**Hex(907D47)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	907D47
RGB	144, 125, 71
RGB Percent	56%, 49%, 28%
CMY	0.4353, 0.5098, 0.7216
CMYK	0.00, 0.13, 0.51, 0.44
HSL	44°, 34%, 42%
HSV	44°, 51%, 56%
XYZ	19.9725, 21.0515, 8.9719
YIQ	124.5250, 28.6580, -12.7660

# Conversions

## Conversions Part 2

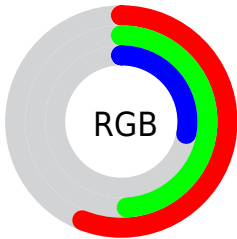
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 144, 71
Decimal	9469255
CIE <sub>Lab</sub>	53.01, -0.18, 31.94
CIE <sub>LCh</sub>	53, 31.945, 90.322
Yxy	21.0515, 0.3995, 0.4211
Android (android.graphics.Color)	4287659335 (0xFF907D47)
YUV	124.5250, -26.3878, 17.0796
Hunter-Lab	45.8819, -2.5916, 20.5235

# Details

The Hex color **907D47** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **475A90**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **C7B179**, and **5C4C19** is the 20% darker color. If you saturate the color by 10%, you get **907939**, and if you desaturate by 10%, it is **908155**.

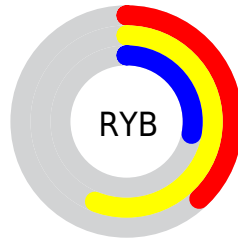
# Distribution



Red (56%)

Green (49%)

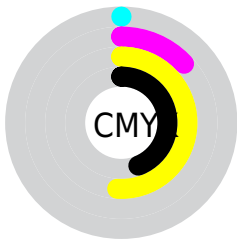
Blue (28%)



Red (38%)

Yellow (56%)

Blue (28%)

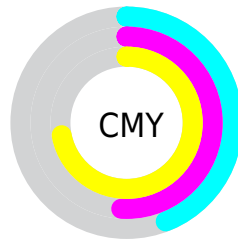


Cyan (0%)

Magenta (13%)

Yellow (51%)

Black (44%)



Cyan (44%)

Magenta (51%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 907D47 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 907D47 by changing the saturation by 10% instead.





907D47



907D47

FFFFFF



756430



C7B179



5C4C19



E4CD93



433600



FFE9AE



2B2100



FFFFC9



100B00



FFFFE5



000000



907D47



907D47



907939



908155



90762A



908464

■ 90721C

■ 908872

■ 906E0D

■ 908C81

■ 906B00

■ 90908F

■ 90939D

■ 9097AC

■ 909BBA

■ 909FC9

# Harmonies

## Analogous

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



A67350



907D47



74854E

# Triad

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



907D47



008C99



A16E9A

# Complementary

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



907D47



475A90

# 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.



8277AE



907D47



1D88AE

# Square

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



907D47



2A8D7E



5681B5



B2697F

# Rectangle

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



907D47



5E895B



5681B5



9871A2



# Sweetspot

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



907D47



BAB39E



90475A



5E5A4D



DEDEDE



5E5E5E



# Same Dimension

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



907D47



BA9D49



7F9047



474640



876400



080600



# Inverse Universe

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



475A90



4966BA



584790



404247



002387



000208



# Previews

## White Background



This preview shows how the Hex color 907D47 looks on a white background.

## Color Contrast Check

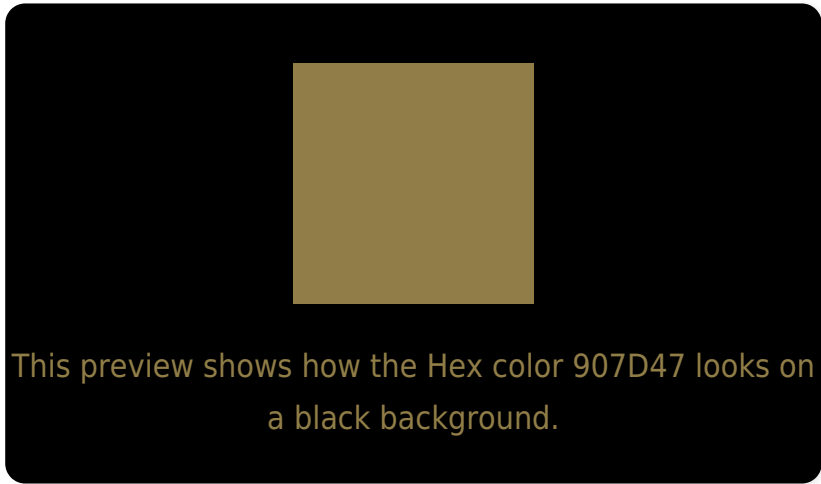
Large Text (above 18pt) WCAG AA ✓ Pass

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

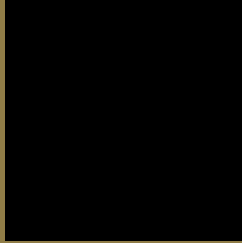
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 907D47 Background



This preview shows how black text looks on a background with the Hex color 907D47.



This preview shows how white text looks on a background with the Hex color 907D47.

# 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**  
907D47

**Protanopia**  
8B7F48

**Deuteranopia**  
9A7948



**Tritanopia**  
957680

# Trichromacy



**Original Color**  
907D47

**Protanomaly**  
8D7E48

**Deuteranomaly**  
967A48

**Tritanomaly**  
93796B

# Monochromacy



**Original Color**  
907D47

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
847D69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 907D47 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 #907D47 looks like.

```
.text, #text, p{  
    color:#907D47  
}
```

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 #907D47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #907D47
}
```

## Border

The CSS property to change the border of an element to Hex 907D47 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
#907D47 }
```

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

```
.border{ border-color:#907D47 }
```

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

Here you see how a box with a 4 pixel #907D47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #907D47; -webkit-box-shadow:4px 4px  
4px 4px #907D47; box-shadow:4px 4px 4px  
4px #907D47 }
```

# Background

The CSS property to change the background color of an element to Hex 907D47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#907D47 }
```

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

```
.background{ background-color:#907D47 }
```

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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