

# Converting Colors

Hex(947676)

Have a look what the booklet for  
Hex(947676) contains.

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**Color**

**Hex(947676)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	947676
RGB	148, 118, 118
RGB Percent	58%, 46%, 46%
CMY	0.4196, 0.5373, 0.5373
CMYK	0.00, 0.20, 0.20, 0.42
HSL	0°, 12%, 52%
HSV	0°, 20%, 58%
XYZ	21.9612, 20.5608, 19.9507
YIQ	126.9700, 17.8800, 6.3600

# Conversions

## Conversions Part 2

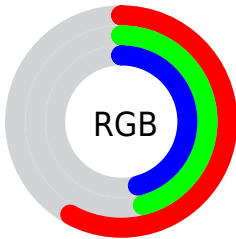
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 118, 118
Decimal	9729654
CIE <sub>Lab</sub>	52.47, 11.70, 4.45
CIE <sub>LCh</sub>	52, 12.522, 20.807
Yxy	20.5608, 0.3515, 0.3291
Android (android.graphics.Color)	4287919734 (0xFF947676)
YUV	126.9700, -4.4222, 18.4433
Hunter-Lab	45.3440, 7.0999, 5.6541

# Details

The Hex color **947676** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **769494**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **CAAAAA**, and **614646** is the 20% darker color. If you saturate the color by 10%, you get **946767**, and if you desaturate by 10%, it is **948585**.

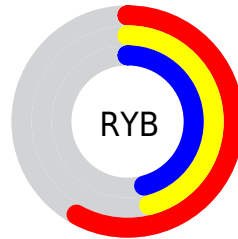
# Distribution



Red (58%)

Green (46%)

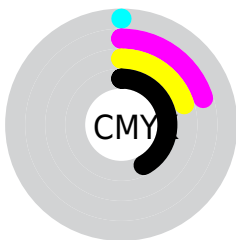
Blue (46%)



Red (58%)

Yellow (46%)

Blue (46%)

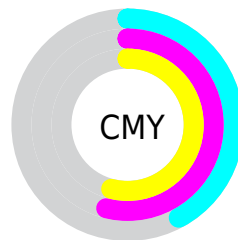


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (42%)



Cyan (42%)

Magenta (54%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 947676 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 947676 by changing the saturation by 10% instead.





947676



947676

FFFFFF



7A5D5D



CAAAAA



614646



E7C6C5



482F30



FFE2E1



311A1B

FFFEFE



1F0000



000000



947676



947676



946767



948585



945858



949494

 944A4A

 94A2A2

 943B3B

 94B1B1

 942C2C

 94C0C0

 941D1D

 94CFCF

 940E0E

 94DEDE

 940000

 94ECEC

 94FBFB

# Harmonies

## Analogous

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



917681



947676



91786D

# Triad

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



947676



71826F



6D7F92

# Complementary

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



947676



769494

# 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.



64828D



947676



678379

# Square

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



947676



7E7F69



618384



7B7C91

# Rectangle

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



947676



8C7A69



618384



698091



# Sweetspot

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



947676



BFB4B4



947694



615A5A



E0E0E0



616161



# Same Dimension

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



947676



BF9191



948576



4A4343



8A0000



0A0000



# Inverse Universe

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



769494



91BFBF



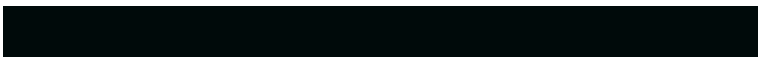
768594



434A4A



008A8A



000A0A



# Previews

## White Background



This preview shows how the Hex color 947676 looks on a white background.

## Color Contrast Check

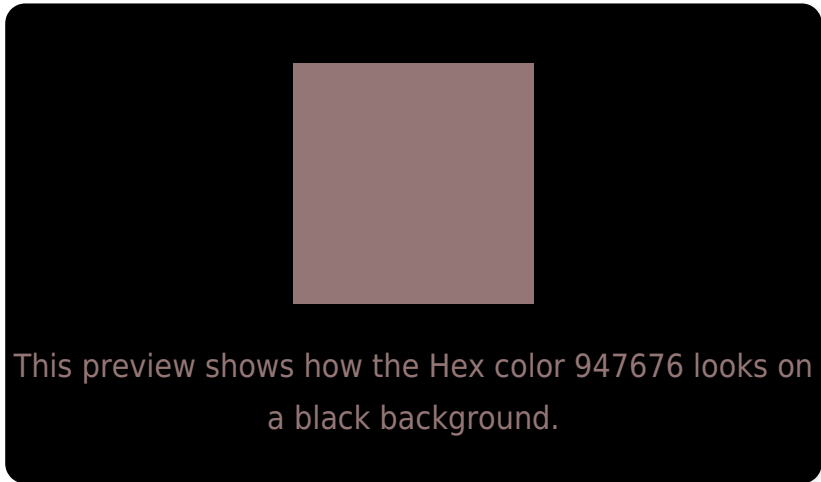
Large Text (above 18pt) WCAG AA ✓ Pass

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 947676 Background



This preview shows how black text looks on a background with the Hex color 947676.



This preview shows how white text looks on a background with the Hex color 947676.

# 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**  
947676

**Protanopia**  
807D7A

**Deuteranopia**  
8C7975



**Tritanopia**  
95757E

# Trichromacy



**Original Color**  
947676

**Protanomaly**  
877A79

**Deuteranomaly**  
8F7875

**Tritanomaly**  
95757B

# Monochromacy



**Original Color**  
947676

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
877C7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 947676 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 #947676 looks like.

```
.text, #text, p{  
    color:#947676  
}
```

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 #947676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #947676
}
```

## Border

The CSS property to change the border of an element to Hex 947676 is called "border". The border property can be set on classes, ids or directly on the HTML element.

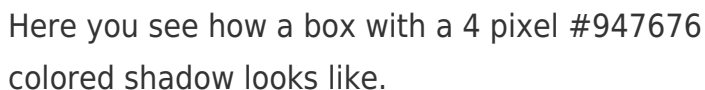
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#947676 }
```

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

```
.border{ border-color:#947676 }
```

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



Here you see how a box with a 4 pixel #947676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #947676; -webkit-box-shadow:4px 4px  
4px 4px #947676; box-shadow:4px 4px 4px  
4px #947676 }
```

# Background

The CSS property to change the background color of an element to Hex 947676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#947676 }
```

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

```
.background{ background-color:#947676 }
```

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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