

# Converting Colors

Hex(948383)

Have a look what the booklet for  
Hex(948383) contains.

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**Color**

**Hex(948383)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	948383
RGB	148, 131, 131
RGB Percent	58%, 51%, 51%
CMY	0.4196, 0.4863, 0.4863
CMYK	0.00, 0.11, 0.11, 0.42
HSL	0°, 7%, 55%
HSV	0°, 11%, 58%
XYZ	24.4258, 24.1672, 24.8501
YIQ	136.0830, 10.1320, 3.6040

# Conversions

## Conversions Part 2

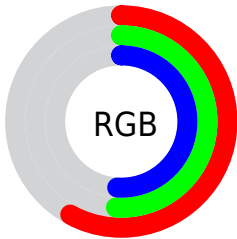
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 131, 131
Decimal	9732995
CIE <sub>Lab</sub>	56.25, 6.44, 2.35
CIE <sub>LCh</sub>	56, 6.861, 20.069
Yxy	24.1672, 0.3326, 0.3291
Android (android.graphics.Color)	4287923075 (0xFF948383)
YUV	136.0830, -2.5059, 10.4512
Hunter-Lab	49.1601, 2.6595, 4.4414

# Details

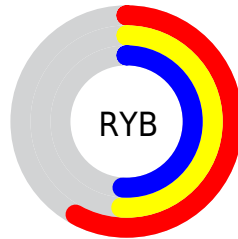
The Hex color **948383** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **839494**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **CAB8B8**, and **615252** is the 20% darker color. If you saturate the color by 10%, you get **947474**, and if you desaturate by 10%, it is **949292**.

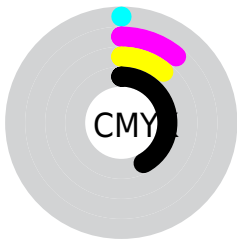
# Distribution



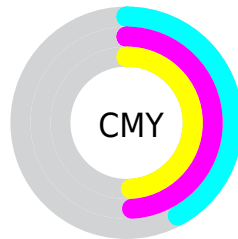
- Red (58%)
- Green (51%)
- Blue (51%)



- Red (58%)
- Yellow (51%)
- Blue (51%)



- Cyan (0%)
- Magenta (11%)
- Yellow (11%)
- Black (42%)



- Cyan (42%)
- Magenta (49%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 948383 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 948383 by changing the saturation by 10% instead.



■ 948383

■ 948383

FFFFFF

■ 7A6A6A

■ CAB8B8

■ 615252

■ E6D4D4

■ 493B3B

■ FFF0F0

■ 332525

■ 1E1010

■ 000000

■ 948383

■ 948383

■ 947474

■ 949292

■ 946565

■ 94A1A1

 945757

 94AFAF

 944848

 94BEBE

 943939

 94CDCD

 942A2A

 94DCDC

 941B1B

 94EBEB

 940D0D

 94F9F9

 940000

 94FFFF

# Harmonies

## Analogous

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



928389



948383



93847E

# Triad

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



948383



81897F



7F8892

# Complementary

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



948383



839494

# 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.



7A8A90



948383



7B8A85

# Square

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



948383



88887C



788A8B



868692

# Rectangle

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



948383



90857C



788A8B



7D8992



# Sweetspot

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



948383



BFBABA



948394



615D5D



E0E0E0



616161



# Same Dimension

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



948383



BFA4A4



948C83



4A4343



8A0000



0A0000



# Inverse Universe

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



839494



A4BFBF



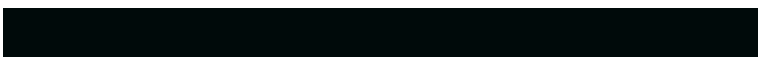
838C94



434A4A



008A8A



000A0A



# Previews

## White Background



This preview shows how the Hex color 948383 looks on a white background.

## Color Contrast Check

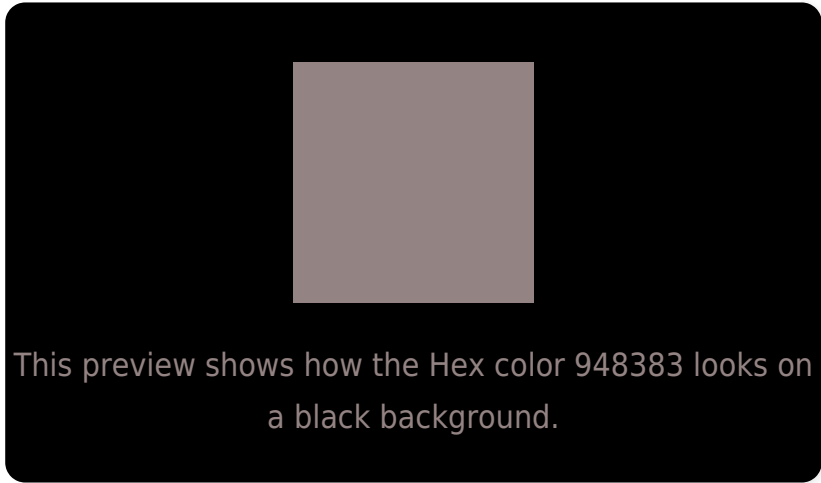
Large Text (above 18pt) WCAG AA ✓ Pass

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

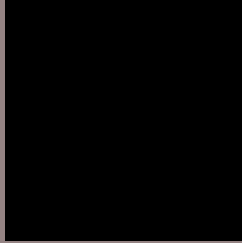
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 948383 Background



This preview shows how black text looks on a background with the Hex color 948383.



This preview shows how white text looks on a background with the Hex color 948383.

# 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**  
948383

**Protanopia**  
8A8685

**Deuteranopia**  
958283



**Tritanopia**  
95828C

# Trichromacy



**Original Color**  
948383

**Protanomaly**  
8E8584

**Deuteranomaly**  
958283

**Tritanomaly**  
958289

# Monochromacy



**Original Color**  
948383

**Achromatopsia**  
888888

**Achromatomaly**  
8C8686

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 948383 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 #948383 looks like.

```
.text, #text, p{  
    color:#948383  
}
```

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 #948383 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #948383
}
```

## Border

The CSS property to change the border of an element to Hex 948383 is called "border". The border property can be set on classes, ids or directly on the HTML element.

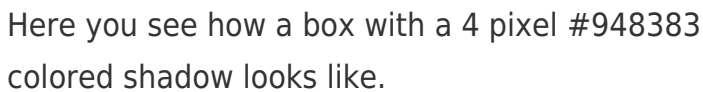
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#948383 }
```

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

```
.border{ border-color:#948383 }
```

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



Here you see how a box with a 4 pixel #948383 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #948383; -webkit-box-shadow:4px 4px  
4px 4px #948383; box-shadow:4px 4px 4px  
4px #948383 }
```

# Background

The CSS property to change the background color of an element to Hex 948383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#948383 }
```

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

```
.background{ background-color:#948383 }
```

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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