

# Converting Colors

Hex(949488)

Have a look what the booklet for  
Hex(949488) contains.

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# Color

Hex(949488)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	949488
RGB	148, 148, 136
RGB Percent	58%, 58%, 53%
CMY	0.4196, 0.4196, 0.4667
CMYK	0.00, 0.00, 0.08, 0.42
HSL	60°, 5%, 56%
HSV	60°, 8%, 58%
XYZ	27.2466, 29.2533, 27.5030
YIQ	146.6320, 3.8520, -3.7320

# Conversions

## Conversions Part 2

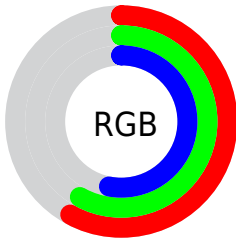
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">136, 148, 136</a>
Decimal	<a href="#">9737352</a>
CIELab	<a href="#">61.00, -2.23, 6.34</a>
CIELCh	<a href="#">61, 6.723, 109.414</a>
Yxy	<a href="#">29.2533, 0.3244, 0.3482</a>
Android (android.graphics.Color)	<a href="#">4287927432 (0xFF949488)</a>
YUV	<a href="#">146.6320, -5.2416, 1.1997</a>
Hunter-Lab	<a href="#">54.0863, -4.7297, 7.7114</a>

# Details

The Hex color **949488** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **888894**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **CACABD**, and **616156** is the 20% darker color. If you saturate the color by 10%, you get **949479**, and if you desaturate by 10%, it is **949497**.

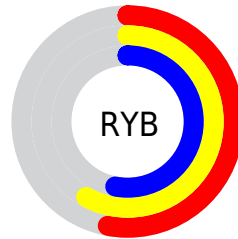
# Distribution



Red (58%)

Green (58%)

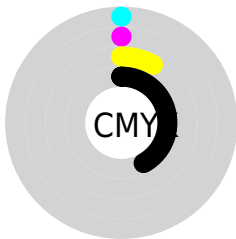
Blue (53%)



Red (53%)

Yellow (58%)

Blue (53%)

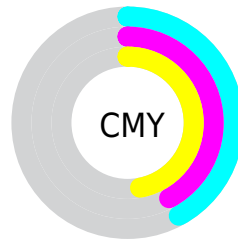


Cyan (0%)

Magenta (0%)

Yellow (8%)

Black (42%)



Cyan (42%)

Magenta (42%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 949488 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 949488 by changing the saturation by 10% instead.





949488



949488

FFFFFF



7A7A6F



CACABD



616156



E6E6D9



4A4A3F



FFFFF6



333329



1E1E15



000500



000000



949488



949488



949479



949497

 94946A

 9494A6

 94945C

 9494B4

 94944D

 9494C3

 94943E

 9494D2

 94942F

 9494E1

 949420

 9494F0

 949412

 9494FE

 949403

 9494FF

# Harmonies

## Analogous

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



9A9288



949488



8D968B

# Triad

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



949488



86969C



9E8F96

# Complementary

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



949488



888894

# 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.



99919B



949488



8B949F

# Square

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



949488



859797



92929E



A08F8F

# Rectangle

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



949488



89968F



92929E



9D9097



# Sweetspot

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



949488



BFBFBB



948888



61615F



E0E0E0



616161



# Same Dimension

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



949488



BFBFAC



8E9488



4A4A43



8A8A00



0A0A00



# Inverse Universe

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



888894



ACACBF



8E8894



43434A



00008A



00000A



# Previews

## White Background



This preview shows how the Hex color 949488 looks on a white background.

## Color Contrast Check

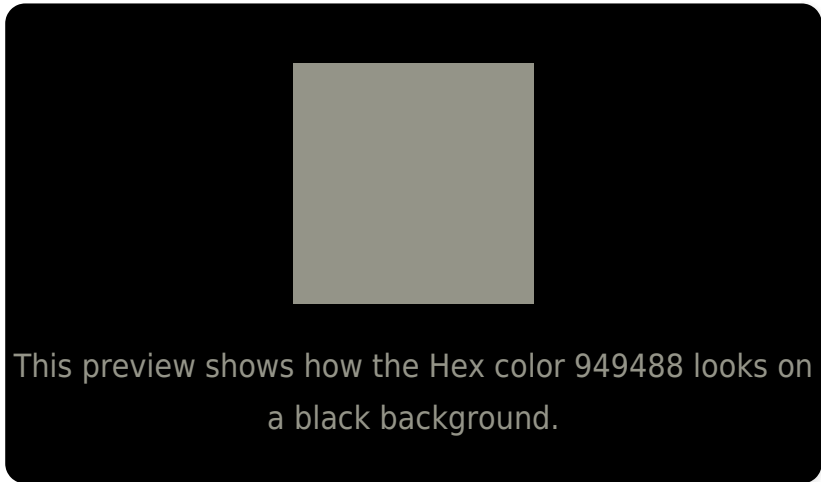
Large Text (above 18pt) WCAG AA ✓ Pass

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

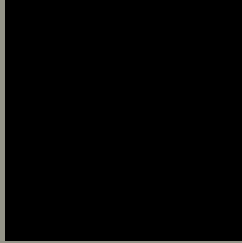
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 949488 Background



This preview shows how black text looks on a background with the Hex color 949488.



This preview shows how white text looks on a background with the Hex color 949488.

# 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**  
949488

**Protanopia**  
999387

**Deuteranopia**  
A58E89



**Tritanopia**  
97919C

# Trichromacy



**Original Color**  
949488

**Protanomaly**  
979387

**Deuteranomaly**  
9F9089

**Tritanomaly**  
969295

# Monochromacy



**Original Color**  
949488

**Achromatopsia**  
939393

**Achromatomaly**  
93938F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 949488 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 #949488 looks like.

```
.text, #text, p{  
    color:#949488  
}
```

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 #949488 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949488
}
```

## Border

The CSS property to change the border of an element to Hex 949488 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
#949488 }
```

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

```
.border{ border-color:#949488 }
```

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

Here you see how a box with a 4 pixel #949488 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949488; -webkit-box-shadow:4px 4px  
4px 4px #949488; box-shadow:4px 4px 4px  
4px #949488 }
```

# Background

The CSS property to change the background color of an element to Hex 949488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949488 }
```

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

```
.background{ background-color:#949488 }
```

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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