

# Converting Colors

Hex(948188)

Have a look what the booklet for  
Hex(948188) contains.

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**Color**

**Hex(948188)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	948188
RGB	148, 129, 136
RGB Percent	58%, 51%, 53%
CMY	0.4196, 0.4941, 0.4667
CMYK	0.00, 0.13, 0.08, 0.42
HSL	338°, 8%, 54%
HSV	338°, 13%, 58%
XYZ	24.5069, 23.7740, 26.5897
YIQ	135.4790, 9.0770, 6.2050

# Conversions

## Conversions Part 2

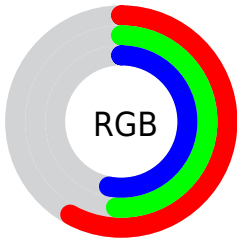
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 129, 136
Decimal	9732488
CIE Lab	55.86, 8.49, -1.11
CIE LCh	56, 8.567, 352.535
Yxy	23.7740, 0.3273, 0.3175
Android (android.graphics.Color)	4287922568 (0xFF948188)
YUV	135.4790, 0.2569, 10.9809
Hunter-Lab	48.7586, 4.3898, 1.7981

# Details

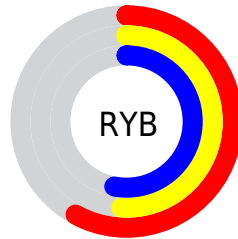
The Hex color **948188** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **81948D**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **CAB6BD**, and **615056** is the 20% darker color. If you saturate the color by 10%, you get **94727F**, and if you desaturate by 10%, it is **949091**.

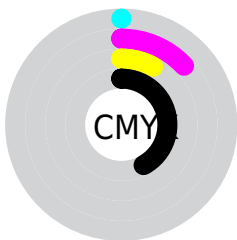
# Distribution



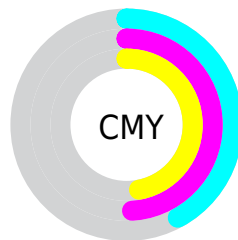
- Red (58%)
- Green (51%)
- Blue (53%)



- Red (58%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (13%)
- Yellow (8%)
- Black (42%)



- Cyan (42%)
- Magenta (49%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 948188 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 948188 by changing the saturation by 10% instead.



 948188

 948188

FFFFFF

 7A686F

 CAB6BD

 615056

 E6D1D9

 49393F

 FFEEF5

 332329

 1E0E15

 000000

 948188

 948188

 94727F

 949091

 946375

 949F9B

94556C

94ADA4

944663

94BCAD

943759

94CBB7

942850

94DAC0

941947

94E9C9

940B3D

94F7D3

940037

94FFDC

# Harmonies

## Analogous

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



8E828F



948188



968180

# Triad

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



948188



868778



758991

# Complementary

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



948188



81948D

# 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.



738A8B



948188



7D897D

# Square

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



948188



8E8577



768A84



7C8794

# Rectangle

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



948188



95827C



768A84



748A90



# Sweetspot

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



948188



BFB8BA



8D8194



615C5E



E0E0E0



616161



# Same Dimension

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



948188



BFA3AD



948381



4A4345



8A0033



0A0004



# Inverse Universe

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



948188



BFA3AD



819294



4A4345



8A0033



0A0004



# Previews

## White Background



This preview shows how the Hex color 948188 looks on a white background.

## Color Contrast Check

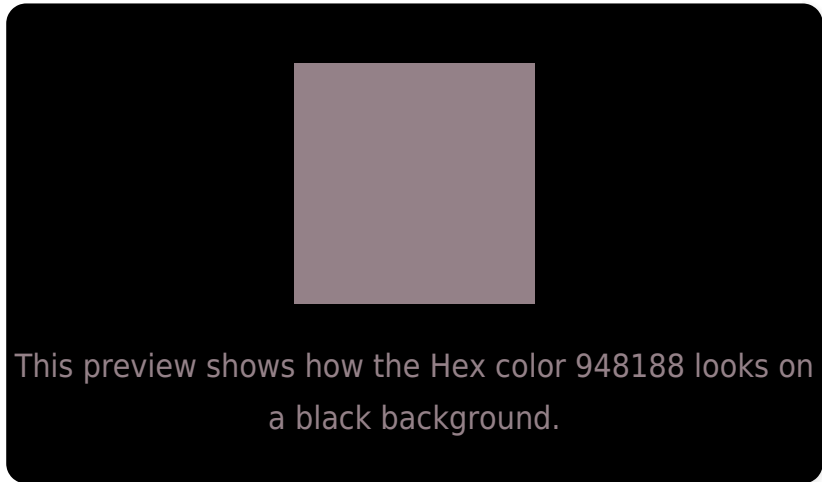
Large Text (above 18pt) WCAG AA ✓ Pass

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

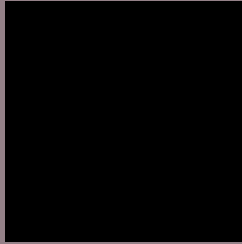
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 948188 Background



This preview shows how black text looks on a background with the Hex color 948188.



This preview shows how white text looks on a background with the Hex color 948188.

# 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**  
948188

**Protanopia**  
87858A

**Deuteranopia**  
928288



**Tritanopia**  
94818B

# Trichromacy



**Original Color**  
948188

**Protanomaly**  
8C8489

**Deuteranomaly**  
938288

**Tritanomaly**  
94818A

# Monochromacy



**Original Color**  
948188

**Achromatopsia**  
878787

**Achromatomaly**  
8C8587

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 948188 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 #948188 looks like.

```
.text, #text, p{  
    color:#948188  
}
```

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 #948188 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #948188
}
```

## Border

The CSS property to change the border of an element to Hex 948188 is called "border". The border property can be set on classes, ids or directly on the HTML element.

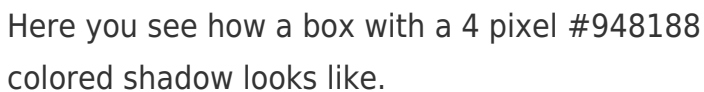
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#948188 }
```

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

```
.border{ border-color:#948188 }
```

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



Here you see how a box with a 4 pixel #948188 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #948188; -webkit-box-shadow:4px 4px  
4px 4px #948188; box-shadow:4px 4px 4px  
4px #948188 }
```

# Background

The CSS property to change the background color of an element to Hex 948188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#948188 }
```

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

```
.background{ background-color:#948188 }
```

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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