

# Converting Colors

Hex(948E90)

Have a look what the booklet for  
Hex(948E90) contains.

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# Color

**Hex(948E90)**

# Conversions

## Conversions Part 1

Format	Color
Hex	948E90
RGB	148, 142, 144
RGB Percent	58%, 56%, 56%
CMY	0.4196, 0.4431, 0.4353
CMYK	0.00, 0.04, 0.03, 0.42
HSL	340°, 3%, 57%
HSV	340°, 4%, 58%
XYZ	26.9198, 27.6555, 30.3048
YIQ	144.0220, 2.9340, 1.8940

# Conversions

## Conversions Part 2

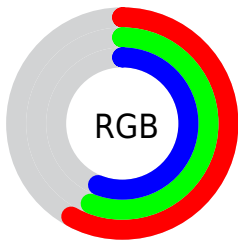
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 142, 144
Decimal	9735824
CIE Lab	59.58, 2.60, -0.28
CIE LCh	60, 2.613, 353.910
Yxy	27.6555, 0.3172, 0.3258
Android (android.graphics.Color)	4287925904 (0xFF948E90)
YUV	144.0220, -0.0108, 3.4887
Hunter-Lab	52.5885, -0.6567, 2.6454

# Details

The Hex color **948E90** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8E9492**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **CAC4C6**, and **615C5E** is the 20% darker color. If you saturate the color by 10%, you get **947F86**, and if you desaturate by 10%, it is **949D9A**.

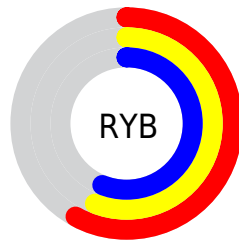
# Distribution



Red (58%)

Green (56%)

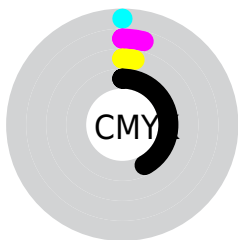
Blue (56%)



Red (58%)

Yellow (56%)

Blue (56%)

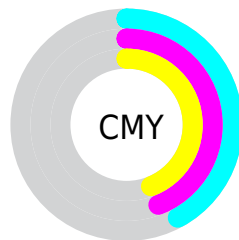


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (42%)



Cyan (42%)

Magenta (44%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 948E90 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 948E90 by changing the saturation by 10% instead.



 948E90

 948E90

FFFFFF

 7A7476

 CAC4C6

 615C5E

 E6E0E2

 4A4446

 FFFCFE

 332E30

 1E191B

 020000

 000000

 948E90

 948E90

 947F86

 949D9A

 94707C

 94ACA4

 946272

 94BAAE

 945369

 94C9B7

 94445F

 94D8C1

 943555

 94E7CB

 94264B

 94F6D5

 941841

 94FFDF

 940937

 94FFE9

# Harmonies

## Analogous

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



928E92



948E90



958E8E

# Triad

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



948E90



8F908B



8B9093

# Complementary

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



948E90



8E9492

# 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.



8A9191



948E90



8D918D

# Square

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



948E90



928F8B



8B918F



8D9094

# Rectangle

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



948E90



948E8C



8B918F



8A9193



# Sweetspot

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



948E90



BFBDDE



928E94



616060



E0E0E0



616161



# Same Dimension

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



948E90



BFB6B9



948F8E



4A4647



8A002E



0A0003



# Inverse Universe

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



948E90



BFB6B9



8E9394



4A4647



8A002E



0A0003



# Previews

## White Background



This preview shows how the Hex color 948E90 looks on a white background.

## Color Contrast Check

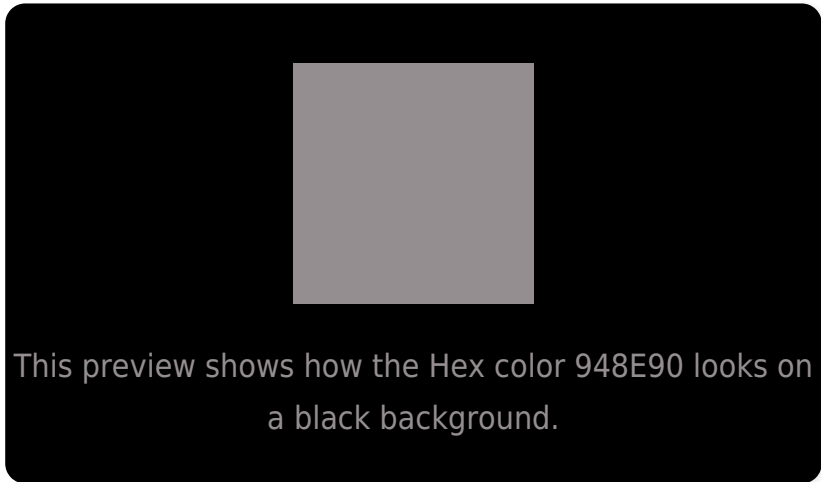
Large Text (above 18pt) WCAG AA ✓ Pass

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

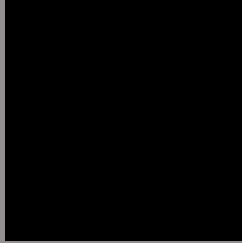
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

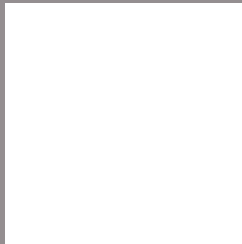
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 948E90 Background



This preview shows how black text looks on a background with the Hex color 948E90.



This preview shows how white text looks on a background with the Hex color 948E90.

# 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**

948E90

**Protanopia**

928F90

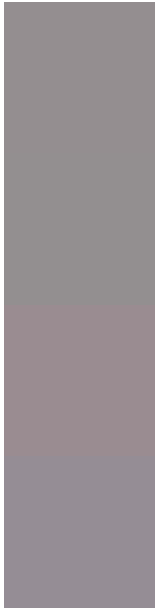
**Deuteranopia**

9D8B91



**Tritanopia**  
958D98

# Trichromacy



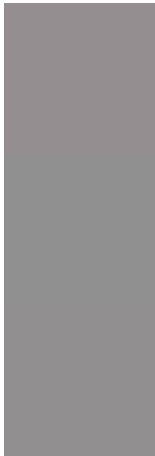
**Original Color**  
948E90

**Protanomaly**  
938F90

**Deuteranomaly**  
9A8C91

**Tritanomaly**  
958D95

# Monochromacy



**Original Color**  
948E90

**Achromatopsia**  
909090

**Achromatomaly**  
918F90

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 948E90 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 #948E90 looks like.

```
.text, #text, p{  
    color:#948E90  
}
```

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 #948E90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #948E90
}
```

## Border

The CSS property to change the border of an element to Hex 948E90 is called "border". The border property can be set on classes, ids or directly on the HTML element.

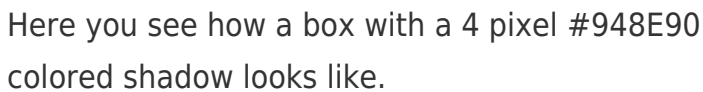
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#948E90 }
```

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

```
.border{ border-color:#948E90 }
```

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



Here you see how a box with a 4 pixel #948E90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #948E90; -webkit-box-shadow:4px 4px  
4px 4px #948E90; box-shadow:4px 4px 4px  
4px #948E90 }
```

# Background

The CSS property to change the background color of an element to Hex 948E90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#948E90 }
```

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

```
.background{ background-color:#948E90 }
```

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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