

# Converting Colors

Hex(93838A)

Have a look what the booklet for  
Hex(93838A) contains.

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**Color**

**Hex(93838A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	93838A
RGB	147, 131, 138
RGB Percent	58%, 51%, 54%
CMY	0.4235, 0.4863, 0.4588
CMYK	0.00, 0.11, 0.06, 0.42
HSL	334°, 7%, 55%
HSV	334°, 11%, 58%
XYZ	24.7364, 24.2706, 27.4257
YIQ	136.5820, 7.2890, 5.5690

# Conversions

## Conversions Part 2

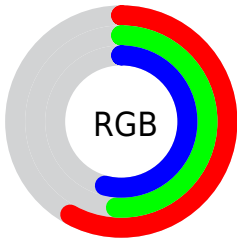
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 131, 138
Decimal	9667466
CIE <sub>Lab</sub>	56.36, 7.34, -1.55
CIE <sub>LCh</sub>	56, 7.505, 348.059
Yxy	24.2706, 0.3236, 0.3175
Android (android.graphics.Color)	4287857546 (0xFF93838A)
YUV	136.5820, 0.6991, 9.1366
Hunter-Lab	49.2652, 3.4118, 1.4792

# Details

The Hex color **93838A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **83938C**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **C9B8BF**, and **605258** is the 20% darker color. If you saturate the color by 10%, you get **937482**, and if you desaturate by 10%, it is **939292**.

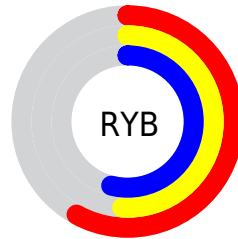
# Distribution



Red (58%)

Green (51%)

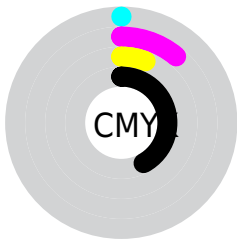
Blue (54%)



Red (58%)

Yellow (51%)

Blue (54%)

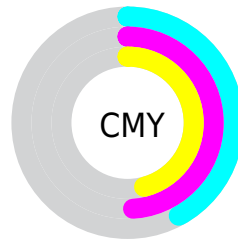


Cyan (0%)

Magenta (11%)

Yellow (6%)

Black (42%)



Cyan (42%)

Magenta (49%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93838A 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 93838A by changing the saturation by 10% instead.





93838A



93838A

FFFFFF



796A71



C9B8BF



605258



E5D4DB



493B41



FFF0F8



32252B



1D1016



000000



93838A



93838A



937482



939292



936679



93A09B

935771

93AFA3

934869

93BEAB

933961

93CDB3

932B58

93DBBC

931C50

93EAC4

930D48

93F9CC

930040

93FFD4

# Harmonies

## Analogous

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



8D8490



93838A



958383

# Triad

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



93838A



88887B



788A91

# Complementary

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



93838A



83938C

# 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.



778B8B



93838A



818A7E

# Square

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



93838A



8F867B



7A8B84



7E8894

# Rectangle

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



93838A



95837F



7A8B84



778B8F



# Sweetspot

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



93838A



BFBABC



8C8393



615D5F



E0E0E0



616161



# Same Dimension

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



93838A



BFA6B1



938483



4A4346



8A003C



0A0004



# Inverse Universe

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



93838A



BFA6B1



839293



4A4346



8A003C



0A0004



# Previews

## White Background



This preview shows how the Hex color 93838A looks on a white background.

## Color Contrast Check

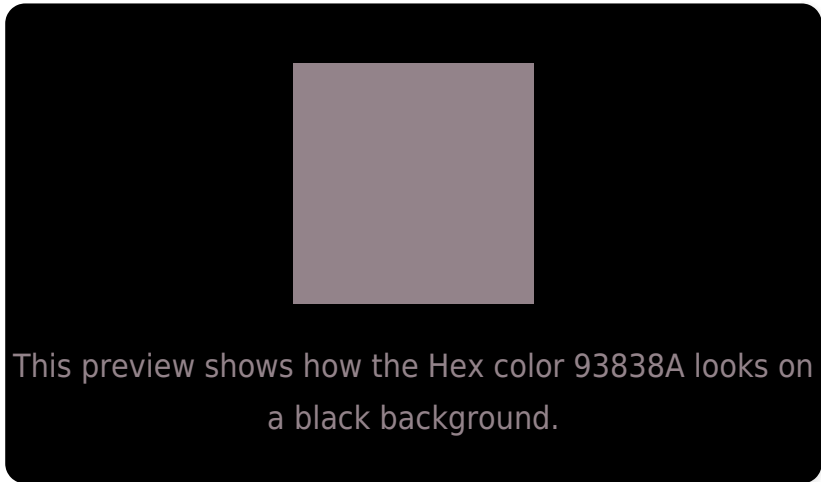
Large Text (above 18pt) WCAG AA ✓ Pass

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

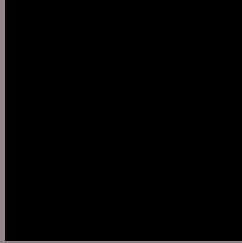
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 93838A Background



This preview shows how black text looks on a background with the Hex color 93838A.



This preview shows how white text looks on a background with the Hex color 93838A.

# 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**  
93838A

**Protanopia**  
88868C

**Deuteranopia**  
93838A



**Tritanopia**  
93838D

# Trichromacy



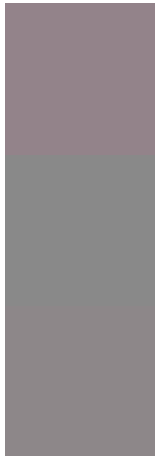
**Original Color**  
93838A

**Protanomaly**  
8C858B

**Deuteranomaly**  
93838A

**Tritanomaly**  
93838C

# Monochromacy



**Original Color**  
93838A

**Achromatopsia**  
898989

**Achromatomaly**  
8D8789

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93838A 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 #93838A looks like.

```
.text, #text, p{  
    color:#93838A  
}
```

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 #93838A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93838A
}
```

## Border

The CSS property to change the border of an element to Hex 93838A is called "border". The border property can be set on classes, ids or directly on the HTML element.

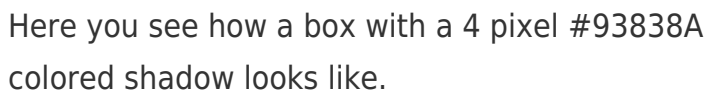
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#93838A }
```

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

```
.border{ border-color:#93838A }
```

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



Here you see how a box with a 4 pixel #93838A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93838A; -webkit-box-shadow:4px 4px  
4px 4px #93838A; box-shadow:4px 4px 4px  
4px #93838A }
```

# Background

The CSS property to change the background color of an element to Hex 93838A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93838A }
```

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

```
.background{ background-color:#93838A }
```

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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