

# Converting Colors

Hex(898087)

Have a look what the booklet for  
Hex(898087) contains.

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# Color

**Hex(898087)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	898087
RGB	137, 128, 135
RGB Percent	54%, 50%, 53%
CMY	0.4627, 0.4980, 0.4706
CMYK	0.00, 0.07, 0.01, 0.46
HSL	313°, 4%, 52%
HSV	313°, 7%, 54%
XYZ	22.4089, 22.5060, 26.0847
YIQ	131.4890, 3.1170, 4.0850

# Conversions

## Conversions Part 2

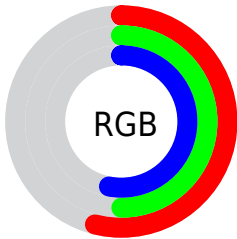
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 128, 135
Decimal	9011335
CIE Lab	54.56, 4.75, -2.56
CIE LCh	55, 5.394, 331.673
Yxy	22.5060, 0.3156, 0.3170
Android (android.graphics.Color)	4287201415 (0xFF898087)
YUV	131.4890, 1.7309, 4.8331
Hunter-Lab	47.4405, 1.2951, 0.6083

# Details

The Hex color **898087** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **808982**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **BEB5BC**, and **574F55** is the 20% darker color. If you saturate the color by 10%, you get **897284**, and if you desaturate by 10%, it is **898E8A**.

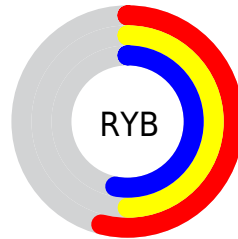
# Distribution



Red (54%)

Green (50%)

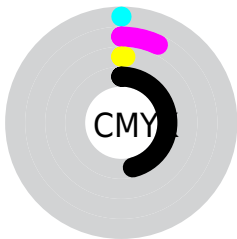
Blue (53%)



Red (54%)

Yellow (50%)

Blue (53%)

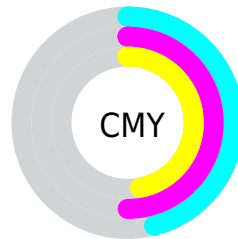


Cyan (0%)

Magenta (7%)

Yellow (1%)

Black (46%)



Cyan (46%)

Magenta (50%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 898087 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 898087 by changing the saturation by 10% instead.



898087

898087

FFFFFF

70676E

BEB5BC

574F55

DAD0D8

40383E

F7EDF4

2A2328

160D14

000000

898087

898087

897284

898E8A

896581

899B8D

89577E

89A990

89497B

89B793

893B78

89C496

892E75

89D299

892072

89E09C

89126F

89EE9F

89056C

89FBA2

# Harmonies

## Analogous

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



84818A



898087



8C7F82

# Triad

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



898087



868279



778587

# Complementary

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



898087



808982

# 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.



788583



898087



81847B

# Square

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



898087



8B817A



7C857E



79848B

# Rectangle

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



898087



8D807F



7C857E



778586



# Sweetspot

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



898087



B3AFB2



828089



595759



D9D9D9



595959



# Same Dimension

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



898087



B3A4AF



898083



453E43



850067



050004



# Inverse Universe

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



898087



B3A4AF



808986



453E43



850067



050004



# Previews

## White Background



This preview shows how the Hex color 898087 looks on a white background.

## Color Contrast Check

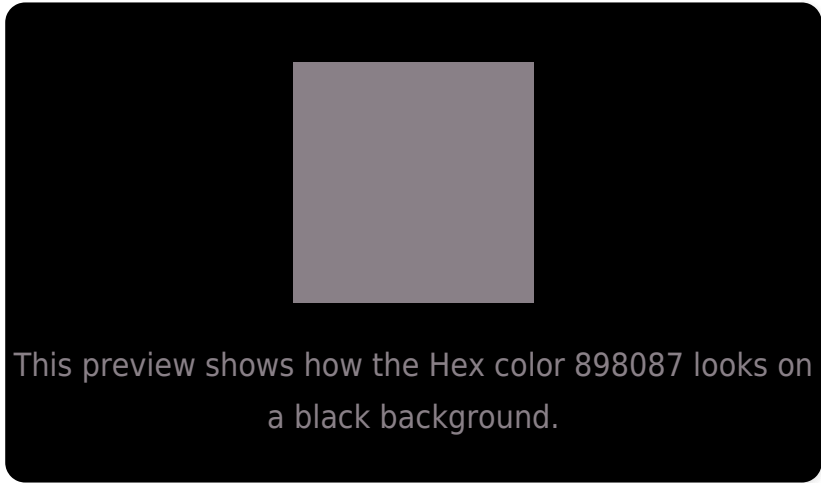
Large Text (above 18pt) WCAG AA ✓ Pass

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

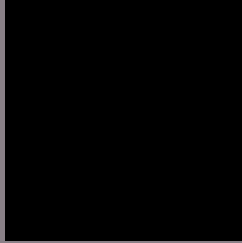
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

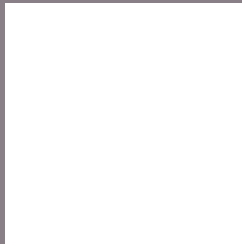
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 898087 Background



This preview shows how black text looks on a background with the Hex color 898087.



This preview shows how white text looks on a background with the Hex color 898087.

# 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**  
898087

**Protanopia**  
838288

**Deuteranopia**  
8D7F87



**Tritanopia**  
89808A

# Trichromacy



**Original Color**  
898087

**Protanomaly**  
858188

**Deuteranomaly**  
8C7F87

**Tritanomaly**  
898089

# Monochromacy



**Original Color**  
898087

**Achromatopsia**  
838383

**Achromatomaly**  
858284

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 898087 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 #898087 looks like.

```
.text, #text, p{  
    color:#898087  
}
```

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 #898087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #898087
}
```

## Border

The CSS property to change the border of an element to Hex 898087 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".

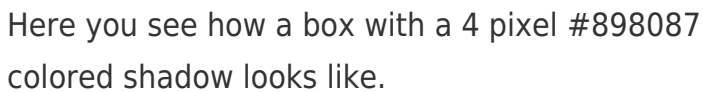
```
.border, #border, table{ border:4px solid
#898087 }
```

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

```
.border{ border-color:#898087 }
```

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

Here you see how a box with a 4 pixel #898087 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #898087; -webkit-box-shadow:4px 4px  
4px 4px #898087; box-shadow:4px 4px 4px  
4px #898087 }
```

# Background

The CSS property to change the background color of an element to Hex 898087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#898087 }
```

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

```
.background{ background-color:#898087 }
```

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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