

Converting Colors

Hex(939D88)

Have a look what the booklet for
Hex(939D88) contains.

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Color

Hex(939D88)

Conversions

Conversions Part 1

Format	Color
Hex	939D88
RGB	147, 157, 136
RGB Percent	58%, 62%, 53%
CMY	0.4235, 0.3843, 0.4667
CMYK	0.06, 0.00, 0.13, 0.38
HSL	89°, 10%, 57%
HSV	89°, 13%, 62%
XYZ	28.5335, 32.0946, 27.9835
YIQ	151.6160, 0.7810, -8.6510

Conversions

Conversions Part 2

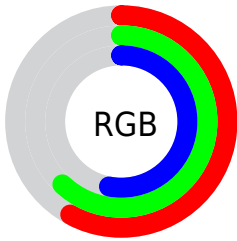
Format	Color
RYB	136, 157, 146
Decimal	9674120
CIELab	63.42, -7.54, 9.77
CIELCh	63, 12.344, 127.644
Yxy	32.0946, 0.3220, 0.3622
Android (android.graphics.Color)	4287864200 (0xFF939D88)
YUV	151.6160, -7.6987, -4.0482
Hunter-Lab	56.6521, -9.2373, 10.3699

Details

The Hex color **939D88** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **92889D**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **C9D4BD**, and **606A56** is the 20% darker color. If you saturate the color by 10%, you get **8C9D78**, and if you desaturate by 10%, it is **9A9D98**.

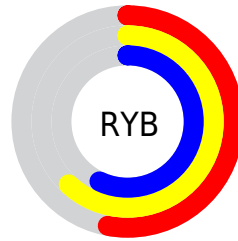
Distribution



Red (58%)

Green (62%)

Blue (53%)



Red (53%)

Yellow (62%)

Blue (57%)

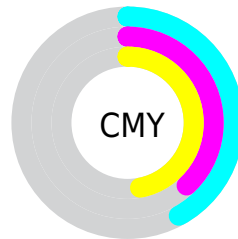


Cyan (6%)

Magenta (0%)

Yellow (13%)

Black (38%)



Cyan (42%)

Magenta (38%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 939D88 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 939D88 by changing the saturation by 10% instead.



939D88



939D88

FFFFFF



79836F



C9D4BD



606A56



E5F0D9



49523F



FFFFF6



323B29



1D2515



001100



000000



939D88



939D88



8C9D78



9A9D98

 849D69

 A29DA7

 7D9D59

 A99DB7

 759D49

 B19DC7

 6E9D39

 B89DD7

 669D2A

 C09DE6

 5F9D1A

 C79DF6

 579D0A

 CF9DF6

 529D00

 D69DF6

Harmonies

Analogous

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



A09A84



939D88



879F91

Triad

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



939D88



859DAD



B19297

Complementary

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



939D88



92889D

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.



AB93A2



939D88



919AAF

Square

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



939D88



7E9FA7



9F96AB



B0938D

Rectangle

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



939D88



81A098



9F96AB



AF929B

Sweetspot

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



939D88



C8CCC4



9D9288



646661



E6E6E6



666666

Same Dimension

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



939D88



BCCCAB



899D88



4B4F47



4B8F00



080F00

Inverse Universe

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



92889D



BBABCC



9C889D



4B474F



44008F



07000F

Previews

White Background



This preview shows how the Hex color 939D88 looks on a white background.

Color Contrast Check

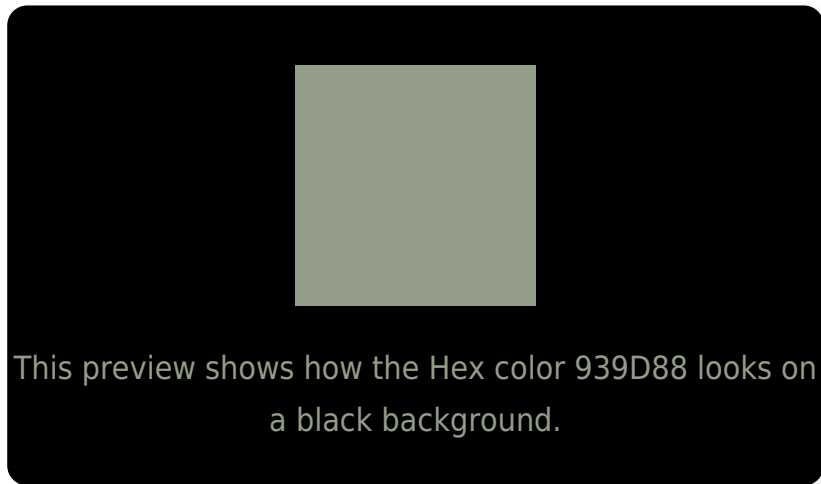
Large Text (above 18pt) WCAG AA × Fail

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

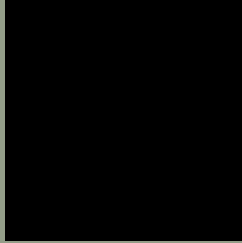
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

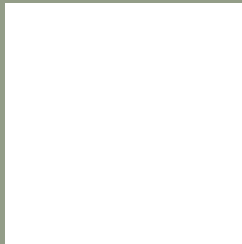
Any Text WCAG AAA ✓ Pass

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

Hex 939D88 Background



This preview shows how black text looks on a background with the Hex color 939D88.



This preview shows how white text looks on a background with the Hex color 939D88.

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
939D88

Protanopia
A19986

Deuteranopia
AE948A



Tritanopia
9799A5

Trichromacy



Original Color
939D88

Protanomaly
9C9A87

Deuteranomaly
A49789

Tritanomaly
969A9A

Monochromacy



Original Color
939D88

Achromatopsia
989898

Achromatomaly
969A92

CSS Examples

Text

The CSS property to change the color of the text to Hex 939D88 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 #939D88 looks like.

```
.text, #text, p{  
    color:#939D88  
}
```

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 #939D88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939D88
}
```

Border

The CSS property to change the border of an element to Hex 939D88 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
#939D88 }
```

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

```
.border{ border-color:#939D88 }
```

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

Here you see how a box with a 4 pixel #939D88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939D88; -webkit-box-shadow:4px 4px  
4px 4px #939D88; box-shadow:4px 4px 4px  
4px #939D88 }
```

Background

The CSS property to change the background color of an element to Hex 939D88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939D88 }
```

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

```
.background{ background-color:#939D88 }
```

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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