

# Converting Colors

Hex(9D93A8)

Have a look what the booklet for  
Hex(9D93A8) contains.

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# **Color**

**Hex(9D93A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9D93A8
RGB	157, 147, 168
RGB Percent	62%, 58%, 66%
CMY	0.3843, 0.4235, 0.3412
CMYK	0.07, 0.13, 0.00, 0.34
HSL	269°, 11%, 62%
HSV	269°, 13%, 66%
XYZ	31.4062, 30.8627, 41.3476
YIQ	152.3840, -0.7810, 8.6510

# Conversions

## Conversions Part 2

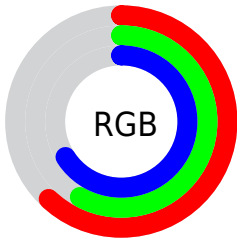
Format	Color
<a href="#">RYB</a>	<a href="#">157, 147, 168</a>
Decimal	<a href="#">10326952</a>
CIELab	<a href="#">62.39, 7.78, -9.67</a>
CIELCh	<a href="#">62, 12.411, 308.796</a>
Yxy	<a href="#">30.8627, 0.3031, 0.2979</a>
Android (android.graphics.Color)	<a href="#">4288517032 (0xFF9D93A8)</a>
YUV	<a href="#">152.3840, 7.6987, 4.0482</a>
Hunter-Lab	<a href="#">55.5542, 3.6908, -5.2401</a>

# Details

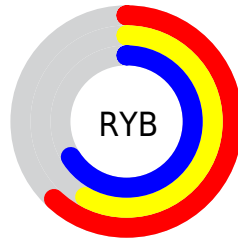
The Hex color **9D93A8** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9EA893**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **D4C9DF**, and **6A6074** is the 20% darker color. If you saturate the color by 10%, you get **9482A8**, and if you desaturate by 10%, it is **A6A4A8**.

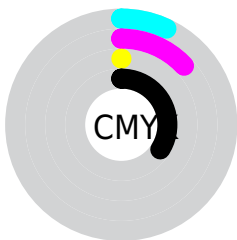
# Distribution



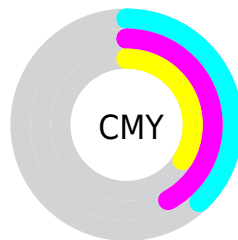
- Red (62%)
- Green (58%)
- Blue (66%)



- Red (62%)
- Yellow (58%)
- Blue (66%)



- Cyan (7%)
- Magenta (13%)
- Yellow (0%)
- Black (34%)



- Cyan (38%)
- Magenta (42%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D93A8 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 9D93A8 by changing the saturation by 10% instead.



■ 9D93A8

■ 9D93A8

FFFFFF

■ 83798E

■ D4C9DF

■ 6A6074

■ F0E5FC

■ 51495B

■ 3A3244

■ 251D2E

■ 110419

■ 000000

■ 9D93A8

■ 9D93A8

■ 9482A8

■ A6A4A8

8B71A8

AFB5A8

8361A8

B7C5A8

7A50A8

C0D6A8

713FA8

C9E7A8

682EA8

D2F8A8

5F1DA8

DBFFA8

570DA8

E3FFA8

5000A8

ECFFA8

# Harmonies

## Analogous

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



8F97AC



9D93A8



A8909F

# Triad

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



9D93A8



A79383



7C9D9A

# Complementary

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



9D93A8



9EA893

# 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.



849D8F



9D93A8



9C9781

# Square

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



9D93A8



AD918A



909A86



7B9DA4

# Rectangle

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



9D93A8



AD8F98



909A86



7E9D96



# Sweetspot

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



9D93A8



D7D3DB



939EA8



6B686E



EDEDED



6E6E6E



# Same Dimension

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



9D93A8



CABADB



A793A8



504C54



460094



0A0014



# Inverse Universe

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



A8939E



DBBACC



94A893



544C50



94004D

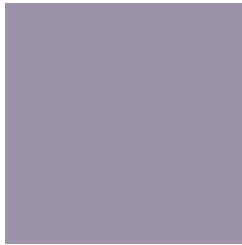


14000B



# Previews

## White Background



This preview shows how the Hex color 9D93A8 looks on a white background.

## Color Contrast Check

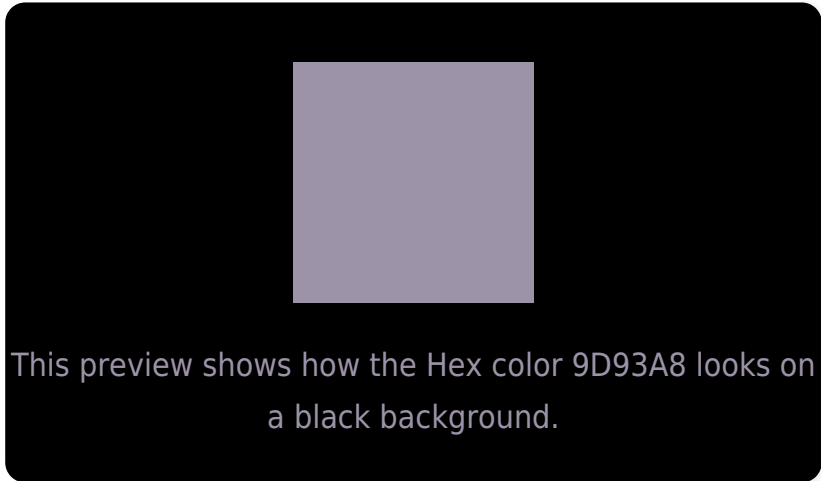
Large Text (above 18pt) WCAG AA × Fail

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

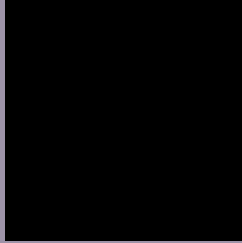
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9D93A8 Background



This preview shows how black text looks on a background with the Hex color 9D93A8.



This preview shows how white text looks on a background with the Hex color 9D93A8.

# 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**  
9D93A8

**Protanopia**  
9496AA

**Deuteranopia**  
9E93A8



**Tritanopia**  
9C94A0

# Trichromacy



**Original Color**  
9D93A8

**Protanomaly**  
9795A9

**Deuteranomaly**  
9E93A8

**Tritanomaly**  
9C94A3

# Monochromacy



**Original Color**  
9D93A8

**Achromatopsia**  
989898

**Achromatomaly**  
9A969E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D93A8 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 #9D93A8 looks like.

```
.text, #text, p{  
    color:#9D93A8  
}
```

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 #9D93A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D93A8
}
```

## Border

The CSS property to change the border of an element to Hex 9D93A8 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
#9D93A8 }
```

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

```
.border{ border-color:#9D93A8 }
```

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

Here you see how a box with a 4 pixel #9D93A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D93A8; -webkit-box-shadow:4px 4px  
4px 4px #9D93A8; box-shadow:4px 4px 4px  
4px #9D93A8 }
```

# Background

The CSS property to change the background color of an element to Hex 9D93A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D93A8 }
```

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

```
.background{ background-color:#9D93A8 }
```

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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