

# Converting Colors

Hex(9297AB)

Have a look what the booklet for  
Hex(9297AB) contains.

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# **Color**

**Hex(9297AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9297AB
RGB	146, 151, 171
RGB Percent	57%, 59%, 67%
CMY	0.4275, 0.4078, 0.3294
CMYK	0.15, 0.12, 0.00, 0.33
HSL	228°, 13%, 62%
HSV	228°, 15%, 67%
XYZ	30.2714, 31.1845, 42.9518
YIQ	151.7850, -9.4000, 5.1600

# Conversions

## Conversions Part 2

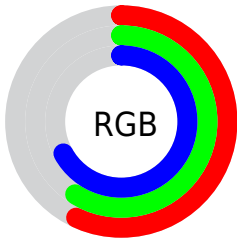
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 150, 171
Decimal	9607083
CIE <sub>Lab</sub>	62.66, 2.39, -11.05
CIE <sub>LCh</sub>	63, 11.309, 282.205
Y <sub>xy</sub>	31.1845, 0.2899, 0.2987
Android (android.graphics.Color)	4287797163 (0xFF9297AB)
Y <sub>UV</sub>	151.7850, 9.4730, -5.0734
Hunter-Lab	55.8431, -0.9643, -6.5129

# Details

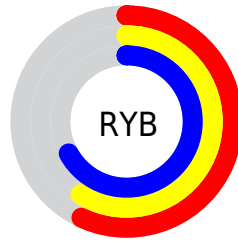
The Hex color **9297AB** is a light color, and the websafe version is hex **999999**. A complement of this color would be **ABA692**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **C8CDE2**, and **5F6477** is the 20% darker color. If you saturate the color by 10%, you get **8189AB**, and if you desaturate by 10%, it is **A3A5AB**.

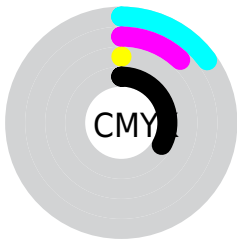
# Distribution



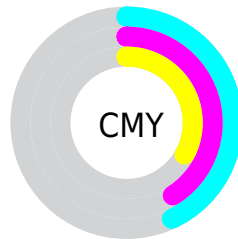
- Red (57%)
- Green (59%)
- Blue (67%)



- Red (57%)
- Yellow (59%)
- Blue (67%)



- Cyan (15%)
- Magenta (12%)
- Yellow (0%)
- Black (33%)



- Cyan (43%)
- Magenta (41%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9297AB 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 9297AB by changing the saturation by 10% instead.



■ 9297AB

■ 9297AB

FFFFFF

■ 787D90

■ C8CDE2

■ 5F6477

■ E4E9FF

■ 474C5E

■ 313646

■ 1B2130

■ 03091B

■ 000000

■ 9297AB

■ 9297AB

■ 8189AB

■ A3A5AB

707CAB

B4B2AB

5F6EAB

C5C0AB

4E60AB

D6CEAB

3C53AB

E7DBAB

2B45AB

F9E9AB

1A37AB

FFF7AB

092AAB

FFFFAB

0022AB

# Harmonies

## Analogous

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



869AAA



9297AB



9F94A6

# Triad

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



9297AB



AC928A



859D91

# Complementary

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



9297AB



ABA692

# 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.



909B89



9297AB



A59585

# Square

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



9297AB



AD9194



9B9884



7F9E9B

# Rectangle

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



9297AB



A692A1



9B9884



899D8E

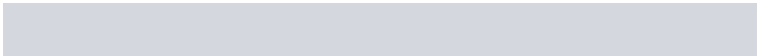


# Sweetspot

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



9297AB



D5D7DE



92ABA6



6B6C70



F0F0F0



707070



# Same Dimension

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



9297AB



B6BEDE



9992AB



4E5057



001E96



000517



# Inverse Universe

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



AB9297



DEB6BE



A3AB92



574E50



96001E

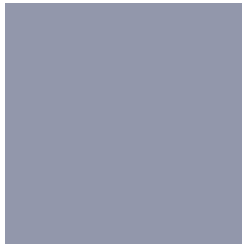


170005



# Previews

## White Background



This preview shows how the Hex color 9297AB looks on a white background.

## Color Contrast Check

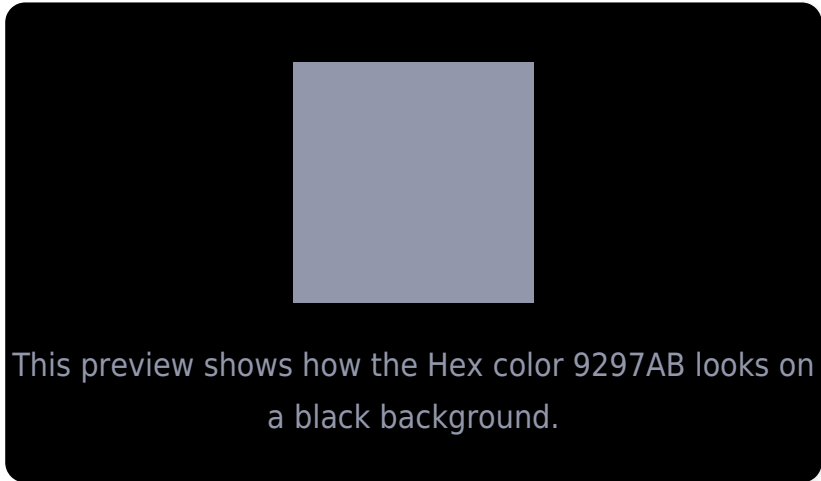
Large Text (above 18pt) WCAG AA × Fail

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

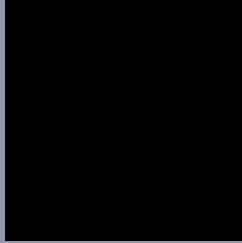
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

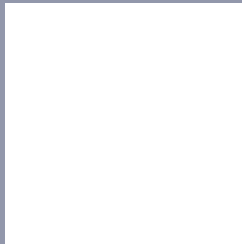
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9297AB Background



This preview shows how black text looks on a background with the Hex color 9297AB.



This preview shows how white text looks on a background with the Hex color 9297AB.

# 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**  
9297AB

**Protanopia**  
9496AB

**Deuteranopia**  
9D94AC



**Tritanopia**  
9198A4

# Trichromacy



**Original Color**  
9297AB

**Protanomaly**  
9396AB

**Deuteranomaly**  
9995AC

**Tritanomaly**  
9198A7

# Monochromacy



**Original Color**  
9297AB

**Achromatopsia**  
989898

**Achromatomaly**  
96989F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9297AB 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 #9297AB looks like.

```
.text, #text, p{  
    color:#9297AB  
}
```

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 #9297AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9297AB
}
```

## Border

The CSS property to change the border of an element to Hex 9297AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

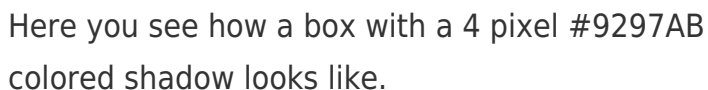
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9297AB }
```

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

```
.border{ border-color:#9297AB }
```

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



Here you see how a box with a 4 pixel #9297AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9297AB; -webkit-box-shadow:4px 4px  
4px 4px #9297AB; box-shadow:4px 4px 4px  
4px #9297AB }
```

# Background

The CSS property to change the background color of an element to Hex 9297AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9297AB }
```

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

```
.background{ background-color:#9297AB }
```

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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