

Converting Colors

Hex(9697AB)

Have a look what the booklet for
Hex(9697AB) contains.

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Color

Hex(9697AB)

Conversions

Conversions Part 1

Format	Color
Hex	9697AB
RGB	150, 151, 171
RGB Percent	59%, 59%, 67%
CMY	0.4118, 0.4078, 0.3294
CMYK	0.12, 0.12, 0.00, 0.33
HSL	237°, 11%, 63%
HSV	237°, 12%, 67%
XYZ	30.9950, 31.5575, 42.9857
YIQ	152.9810, -7.0160, 6.0080

Conversions

Conversions Part 2

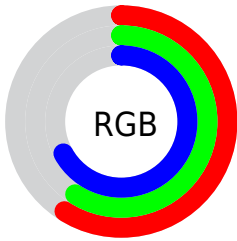
Format	Color
RYB	150, 151, 171
Decimal	9869227
CIELab	62.98, 3.74, -10.55
CIELCh	63, 11.198, 289.530
Yxy	31.5575, 0.2937, 0.2990
Android (android.graphics.Color)	4288059307 (0xFF9697AB)
YUV	152.9810, 8.8834, -2.6143
Hunter-Lab	56.1761, 0.1787, -6.0452

Details

The Hex color **9697AB** is a light color, and the websafe version is hex **999999**. A complement of this color would be **ABAA96**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **CCCDE2**, and **636477** is the 20% darker color. If you saturate the color by 10%, you get **8587AB**, and if you desaturate by 10%, it is **A7A7AB**.

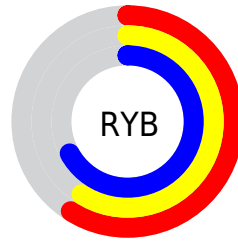
Distribution



Red (59%)

Green (59%)

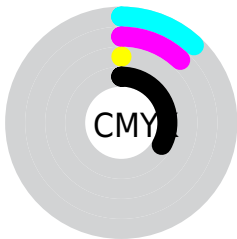
Blue (67%)



Red (59%)

Yellow (59%)

Blue (67%)

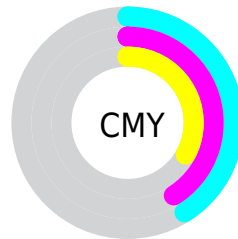


Cyan (12%)

Magenta (12%)

Yellow (0%)

Black (33%)



Cyan (41%)

Magenta (41%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9697AB 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 9697AB by changing the saturation by 10% instead.

■ 9697AB

■ 9697AB

FFFFFF

■ 7C7D90

■ CCCDE2

■ 636477

■ E8E9FF

■ 4B4C5E

■ 343646

■ 1F2030

■ 08091B

■ 000000

■ 9697AB

■ 9697AB

■ 8587AB

■ A7A7AB

■ 7476AB

■ B8B8AB

■ 6366AB

■ C9C8AB

■ 5256AB

■ DAD8AB

■ 4146AB

■ EBE8AB

■ 2F35AB

■ FDF9AB

■ 1E25AB

■ FFFFAB

■ 0D15AB

■ 0008AB

Harmonies

Analogous

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



8A9AAC



9697AB



A294A5

Triad

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



9697AB



AB948A



849E94

Complementary

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



9697AB



ABAA96

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.



8E9C8B



9697AB



A49685

Square

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



9697AB



AE9292



999A86



7F9E9F

Rectangle

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



9697AB



A892A0



999A86



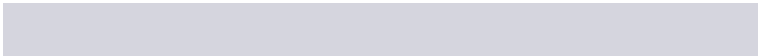
879E91

Sweetspot

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



9697AB



D5D5DE



96ABAA



6B6B70



F0F0F0



707070

Same Dimension

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



9697AB



BDBEDE



9F96AB



4E4E57



000796



000117

Inverse Universe

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



AB9697



DEBDBE



A2AB96



574E4E



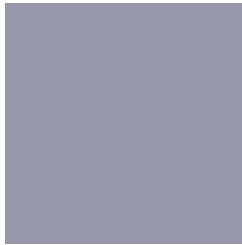
960007



170001

Previews

White Background



This preview shows how the Hex color 9697AB looks on a white background.

Color Contrast Check

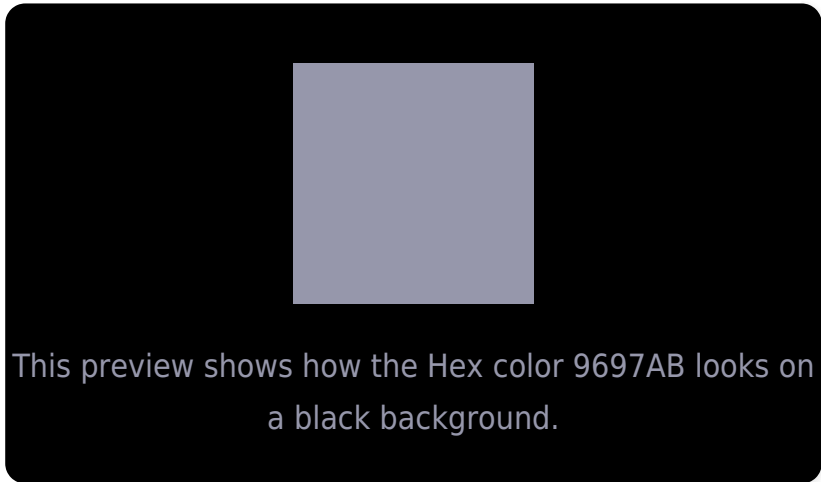
Large Text (above 18pt) WCAG AA × Fail

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

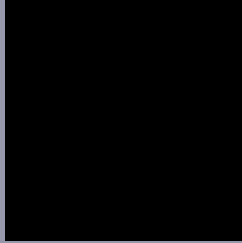
Any Text WCAG AA ✓ Pass

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 9697AB Background



This preview shows how black text looks on a background with the Hex color 9697AB.



This preview shows how white text looks on a background with the Hex color 9697AB.

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
9697AB

Protanopia
9597AB

Deuteranopia
9E94AC



Tritanopia
9598A4

Trichromacy



Original Color
9697AB

Protanomaly
9597AB

Deuteranomaly
9B95AC

Tritanomaly
9598A7

Monochromacy



Original Color
9697AB

Achromatopsia
999999

Achromatomaly
9898A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 9697AB 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 #9697AB looks like.

```
.text, #text, p{  
    color:#9697AB  
}
```

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 #9697AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9697AB
}
```

Border

The CSS property to change the border of an element to Hex 9697AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

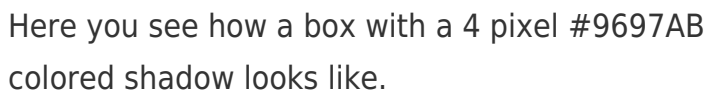
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9697AB }
```

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

```
.border{ border-color:#9697AB }
```

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



Here you see how a box with a 4 pixel #9697AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9697AB; -webkit-box-shadow:4px 4px  
4px 4px #9697AB; box-shadow:4px 4px 4px  
4px #9697AB }
```

Background

The CSS property to change the background color of an element to Hex 9697AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9697AB }
```

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

```
.background{ background-color:#9697AB }
```

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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