

Converting Colors

Hex(9797AB)

Have a look what the booklet for
Hex(9797AB) contains.

Hex(9797AB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9797AB)

Conversions

Conversions Part 1

Format	Color
Hex	9797AB
RGB	151, 151, 171
RGB Percent	59%, 59%, 67%
CMY	0.4078, 0.4078, 0.3294
CMYK	0.12, 0.12, 0.00, 0.33
HSL	240°, 11%, 63%
HSV	240°, 12%, 67%
XYZ	31.1798, 31.6528, 42.9943
YIQ	153.2800, -6.4200, 6.2200

Conversions

Conversions Part 2

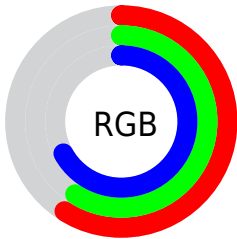
Format	Color
RYB	151, 151, 171
Decimal	9934763
CIELab	63.05, 4.08, -10.43
CIELCh	63, 11.198, 291.390
Yxy	31.6528, 0.2946, 0.2991
Android (android.graphics.Color)	4288124843 (0xFF9797AB)
YUV	153.2800, 8.7360, -1.9996
Hunter-Lab	56.2608, 0.4684, -5.9266

Details

The Hex color **9797AB** is a light color, and the websafe version is hex **999999**. A complement of this color would be **ABAB97**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **CDCDE2**, and **646477** is the 20% darker color. If you saturate the color by 10%, you get **8686AB**, and if you desaturate by 10%, it is **A8A8AB**.

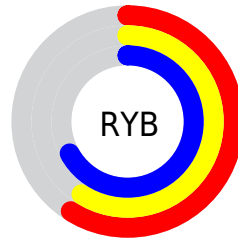
Distribution



Red (59%)

Green (59%)

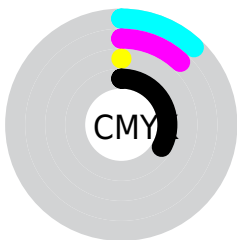
Blue (67%)



Red (59%)

Yellow (59%)

Blue (67%)

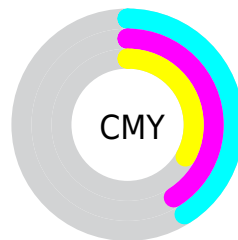


Cyan (12%)

Magenta (12%)

Yellow (0%)

Black (33%)



Cyan (41%)

Magenta (41%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9797AB 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 9797AB by changing the saturation by 10% instead.

■ 9797AB

■ 9797AB

FFFFFF

■ 7D7D90

■ CDCDE2

■ 646477

■ EAE9FF

■ 4C4C5E

■ 353646

■ 202030

■ 0A091B

■ 000000

■ 9797AB

■ 9797AB

■ 8686AB

■ A8A8AB

■ 7575AB

■ B9B9AB

■ 6464AB

■ CACAAB

■ 5353AB

■ DBDBAB

■ 4242AB

■ ECECAB

■ 3030AB

■ FEFEAB

■ 1F1FAB

■ FFFFAB

■ 0E0EAB

■ 0000AB

Harmonies

Analogous

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



8B9AAC



9797AB



A394A5

Triad

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



9797AB



AB9489



849E95

Complementary

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



9797AB



ABAB97

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.



8E9D8C



9797AB



A49785

Square

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



9797AB



AE9292



999A86



7F9E9F

Rectangle

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



9797AB



A9939F



999A86



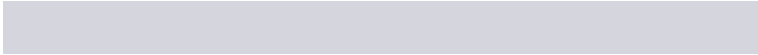
879E92

Sweetspot

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



9797AB



D5D5DE



97ABAB



6B6B70



F0F0F0



707070

Same Dimension

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



9797AB



BFBFDE



A197AB



4E4E57



000096



000017

Inverse Universe

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



AB97AB



DEBFDE



A1AB97



574E57



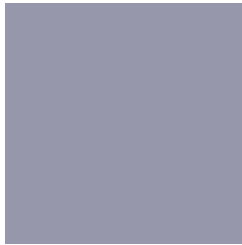
960096



170017

Previews

White Background



This preview shows how the Hex color 9797AB looks on a white background.

Color Contrast Check

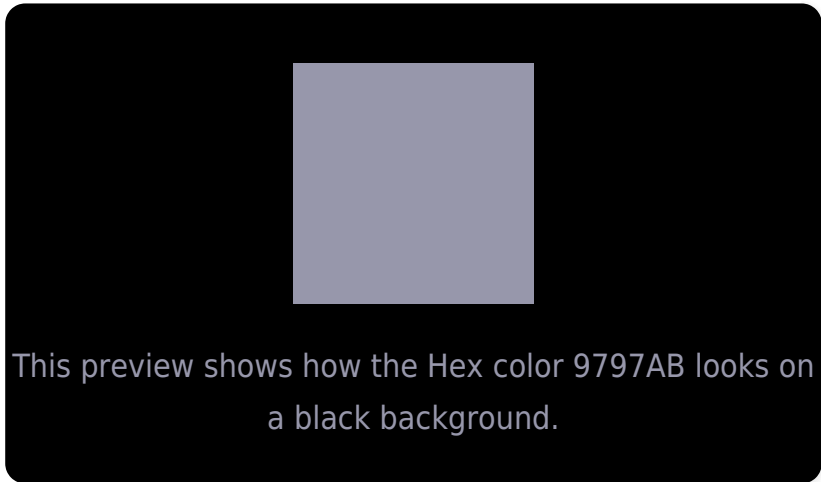
Large Text (above 18pt) WCAG AA × Fail

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

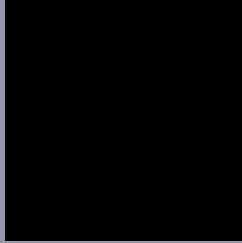
Any Text WCAG AA ✓ Pass

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 9797AB Background



This preview shows how black text looks on a background with the Hex color 9797AB.



This preview shows how white text looks on a background with the Hex color 9797AB.

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
9797AB

Protanopia
9697AB

Deuteranopia
9E95AB



Tritanopia
9698A4

Trichromacy



Original Color
9797AB

Protanomaly
9697AB

Deuteranomaly
9B96AB

Tritanomaly
9698A7

Monochromacy



Original Color
9797AB

Achromatopsia
999999

Achromatomaly
9898A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 9797AB 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 #9797AB looks like.

```
.text, #text, p{  
    color:#9797AB  
}
```

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 #9797AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9797AB
}
```

Border

The CSS property to change the border of an element to Hex 9797AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

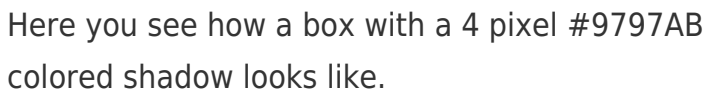
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9797AB }
```

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

```
.border{ border-color:#9797AB }
```

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



Here you see how a box with a 4 pixel #9797AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9797AB; -webkit-box-shadow:4px 4px  
4px 4px #9797AB; box-shadow:4px 4px 4px  
4px #9797AB }
```

Background

The CSS property to change the background color of an element to Hex 9797AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9797AB }
```

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

```
.background{ background-color:#9797AB }
```

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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