

Converting Colors

Hex(9691AA)

Have a look what the booklet for
Hex(9691AA) contains.

Hex(9691AA)	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(9691AA)

Conversions

Conversions Part 1

Format	Color
Hex	9691AA
RGB	150, 145, 170
RGB Percent	59%, 57%, 67%
CMY	0.4118, 0.4314, 0.3333
CMYK	0.12, 0.15, 0.00, 0.33
HSL	252°, 13%, 62%
HSV	252°, 15%, 67%
XYZ	29.9588, 29.6371, 42.1717
YIQ	149.3450, -5.0450, 8.8350

Conversions

Conversions Part 2

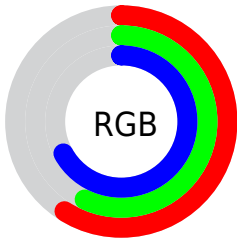
Format	Color
RYB	150, 145, 170
Decimal	9867690
CIELab	61.34, 6.92, -12.44
CIELCh	61, 14.234, 299.065
Yxy	29.6371, 0.2944, 0.2912
Android (android.graphics.Color)	4288057770 (0xFF9691AA)
YUV	149.3450, 10.1829, 0.5744
Hunter-Lab	54.4400, 2.9601, -7.8208

Details

The Hex color **9691AA** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A5AA91**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **CCC7E1**, and **635F76** is the 20% darker color. If you saturate the color by 10%, you get **8880AA**, and if you desaturate by 10%, it is **A4A2AA**.

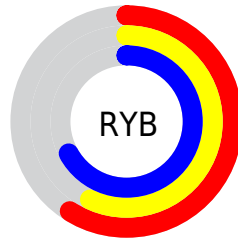
Distribution



Red (59%)

Green (57%)

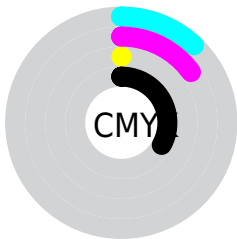
Blue (67%)



Red (59%)

Yellow (57%)

Blue (67%)

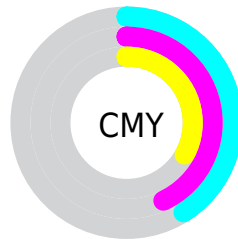


Cyan (12%)

Magenta (15%)

Yellow (0%)

Black (33%)



Cyan (41%)

Magenta (43%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9691AA 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 9691AA by changing the saturation by 10% instead.

■ 9691AA

■ 9691AA

FFFFFF

■ 7C778F

■ CCC7E1

■ 635F76

■ E8E3FE

■ 4B475D

■ 343146

■ 1F1C2F

■ 09011B

■ 000000

■ 9691AA

■ 9691AA

■ 8880AA

■ A4A2AA

7B6FAA

B1B3AA

6D5EAA

BFC4AA

604DAA

CCD5AA

523CAA

DAE6AA

442BAA

E8F7AA

371AAA

F5FFAA

2909AA

FFFFAA

2200AA

Harmonies

Analogous

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



8695AD



9691AA



A48DA1

Triad

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



9691AA



A98F7F



779B93

Complementary

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



9691AA



A5AA91

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.



829A87



9691AA



9F937B

Square

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



9691AA



AF8C88



91977E



739BA0

Rectangle

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



9691AA



AB8C99



91977E



7A9B8F

Sweetspot

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



9691AA



D7D5DE



91A5AA



6C6B70



F0F0F0



707070

Same Dimension

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



9691AA



BEB6DE



A291AA



4D4C54



1E0094



040014

Inverse Universe

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



AA91A5



DEB6D6



98AA91



544C52



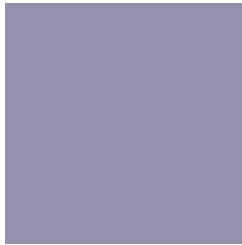
940076



140010

Previews

White Background



This preview shows how the Hex color 9691AA looks on a white background.

Color Contrast Check

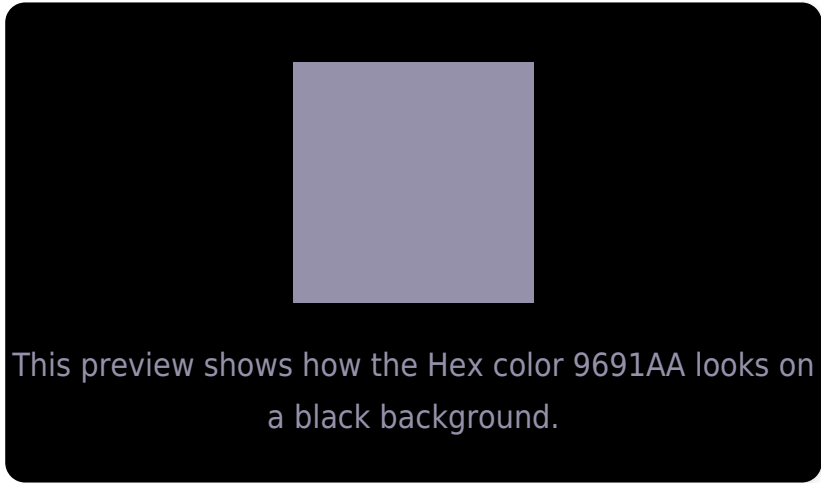
Large Text (above 18pt) WCAG AA ✓ Pass

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

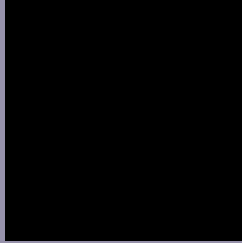
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

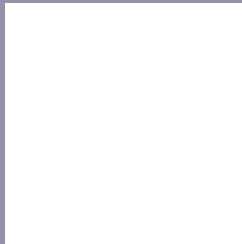
Any Text WCAG AAA × Fail

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

Hex 9691AA Background



This preview shows how black text looks on a background with the Hex color 9691AA.



This preview shows how white text looks on a background with the Hex color 9691AA.

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
9691AA

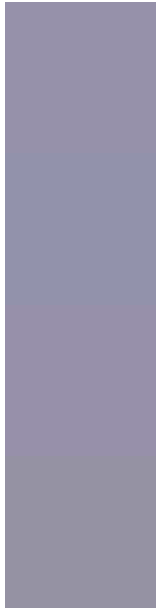
Protanopia
9093AB

Deuteranopia
9890AA



Tritanopia
94939F

Trichromacy



Original Color
9691AA

Protanomaly
9292AB

Deuteranomaly
9790AA

Tritanomaly
9592A3

Monochromacy



Original Color
9691AA

Achromatopsia
959595

Achromatomaly
95949D

CSS Examples

Text

The CSS property to change the color of the text to Hex 9691AA 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 #9691AA looks like.

```
.text, #text, p{  
    color:#9691AA  
}
```

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 #9691AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9691AA
}
```

Border

The CSS property to change the border of an element to Hex 9691AA 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
#9691AA }
```

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

```
.border{ border-color:#9691AA }
```

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

Here you see how a box with a 4 pixel #9691AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9691AA; -webkit-box-shadow:4px 4px  
4px 4px #9691AA; box-shadow:4px 4px 4px  
4px #9691AA }
```

Background

The CSS property to change the background color of an element to Hex 9691AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9691AA }
```

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

```
.background{ background-color:#9691AA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor