

# Converting Colors

Hex(99AAAA)

Have a look what the booklet for  
Hex(99AAAA) contains.

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# **Color**

**Hex(99AAAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99AAAA
RGB	153, 170, 170
RGB Percent	60%, 67%, 67%
CMY	0.4000, 0.3333, 0.3333
CMYK	0.10, 0.00, 0.00, 0.33
HSL	180°, 9%, 63%
HSV	180°, 10%, 67%
XYZ	34.7673, 38.4240, 43.6144
YIQ	164.9170, -10.1320, -3.6040

# Conversions

## Conversions Part 2

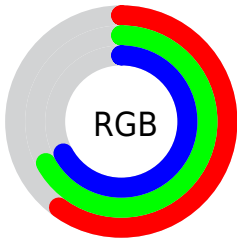
Format	Color
<a href="#">RYB</a>	<a href="#">153, 162, 170</a>
Decimal	<a href="#">10070698</a>
CIELab	<a href="#">68.33, -5.91, -2.03</a>
CIElCh	<a href="#">68, 6.252, 198.948</a>
Yxy	<a href="#">38.4240, 0.2977, 0.3290</a>
Android (android.graphics.Color)	<a href="#">4288260778 (0xFF99AAAA)</a>
YUV	<a href="#">164.9170, 2.5059, -10.4512</a>
Hunter-Lab	<a href="#">61.9871, -8.3605, 1.6743</a>

# Details

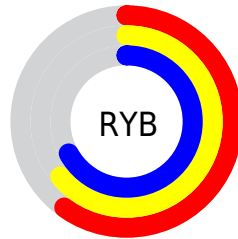
The Hex color `99AAAA` is a light color, and the websafe version is hex `999999`. A complement of this color would be `AA9999`, and the grayscale version is `A5A5A5`.

A 20% lighter version of the original color is `CFE1E1`, and `667676` is the 20% darker color. If you saturate the color by 10%, you get `88AAAA`, and if you desaturate by 10%, it is `AAAAAA`.

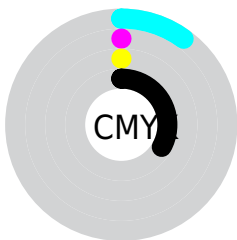
# Distribution



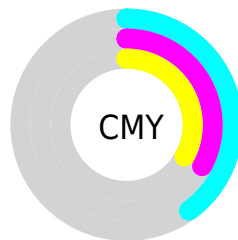
- Red (60%)
- Green (67%)
- Blue (67%)



- Red (60%)
- Yellow (64%)
- Blue (67%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (33%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99AAAA 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 99AAAA by changing the saturation by 10% instead.



■ 99AAAA

■ 99AAAA

FFFFFF

■ 7F9090

■ CFE1E1

■ 667676

■ ECFEFE

■ 4E5D5D

■ 374646

■ 212F2F

■ 0C1B1B

■ 000000

■ 99AAAA

■ 99AAAA

■ 88AAAA

■ AAAAAA

77AAAA

BBAAAA

66AAAA

CCAAAA

55AAAA

DDAAAA

44AAAA

EEAAAA

33AAAA

FFAAAA

22AAAA

11AAAA

00AAAA

# Harmonies

## Analogous

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



9CAAA4



99AAAA



9AA9AF

# Triad

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



99AAAA



ACA4AE



AEA59C

# Complementary

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



99AAAA



AA9999

# 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.



B2A49E



99AAAA



B1A3A9

# Square

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



99AAAA



A5A6B1



B3A3A3



A7A79C

# Rectangle

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



99AAAA



9DA8B1



B3A3A3



AFA59C



# Sweetspot

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



99AAAA



D7DEDE



99AA99



6C7070



F0F0F0



707070



# Same Dimension

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



99AAAA



C3DEDE



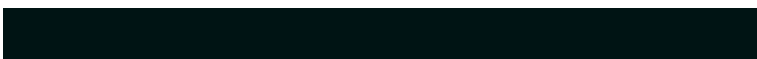
99A1AA



4C5454



009494



001414



# Inverse Universe

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



AA99AA



DEC3DE



AAA199



544C54



940094



140014



# Previews

## White Background



This preview shows how the Hex color 99AAAA looks on a white background.

## Color Contrast Check

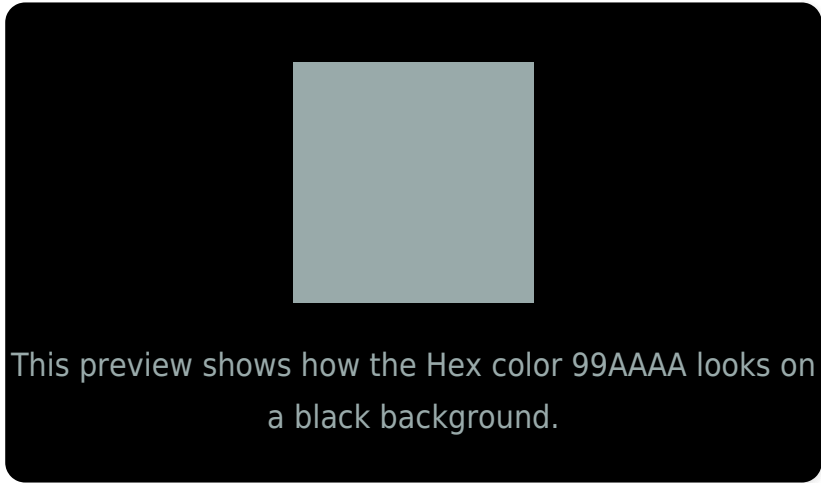
Large Text (above 18pt) WCAG AA × Fail

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

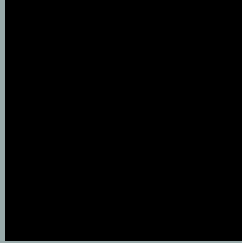
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

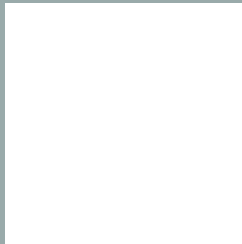
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 99AAAA Background



This preview shows how black text looks on a background with the Hex color 99AAAA.

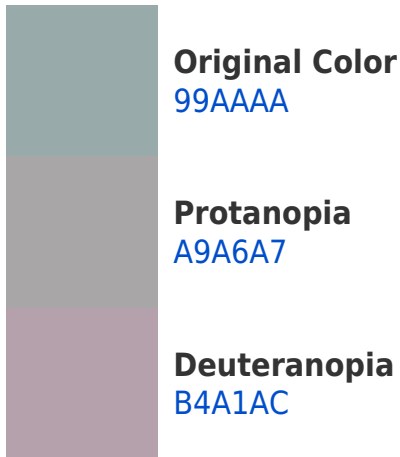


This preview shows how white text looks on a background with the Hex color 99AAAA.

# 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





**Tritanopia**  
9BA8B6

# Trichromacy



**Original Color**

99AAAA

**Protanomaly**

A3A7A8

**Deuteranomaly**

AAA4AB

**Tritanomaly**

9AA9B2

# Monochromacy



**Original Color**

99AAAA

**Achromatopsia**

A5A5A5

**Achromatomaly**

A1A7A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99AAAA 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 #99AAAA looks like.

```
.text, #text, p{  
    color:#99AAAA  
}
```

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 #99AAAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99AAAA }  
}
```

## Border

The CSS property to change the border of an element to Hex 99AAAA 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 #99AAAA }  
}
```

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

```
.border{ border-color:#99AAAA }
```

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

Here you see how a box with a 4 pixel #99AAAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99AAAA; -webkit-box-shadow:4px 4px  
4px 4px #99AAAA; box-shadow:4px 4px 4px  
4px #99AAAA }
```

# Background

The CSS property to change the background color of an element to Hex 99AAAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99AAAA }
```

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

```
.background{ background-color:#99AAAA }
```

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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