

# Converting Colors

Hex(9585AA)

Have a look what the booklet for  
Hex(9585AA) contains.

<b>Hex(9585AA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(9585AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9585AA
RGB	149, 133, 170
RGB Percent	58%, 52%, 67%
CMY	0.4157, 0.4784, 0.3333
CMYK	0.12, 0.22, 0.00, 0.33
HSL	266°, 18%, 59%
HSV	266°, 22%, 67%
XYZ	28.0377, 26.0669, 41.5839
YIQ	142.0020, -2.3410, 14.8990

# Conversions

## Conversions Part 2

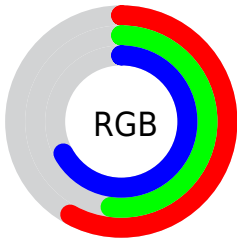
Format	Color
<a href="#">RYB</a>	<a href="#">149, 133, 170</a>
Decimal	<a href="#">9799082</a>
CIELab	<a href="#">58.10, 13.44, -17.35</a>
CIELCh	<a href="#">58, 21.946, 307.775</a>
Yxy	<a href="#">26.0669, 0.2930, 0.2724</a>
Android (android.graphics.Color)	<a href="#">4287989162 (0xFF9585AA)</a>
YUV	<a href="#">142.0020, 13.8030, 6.1372</a>
Hunter-Lab	<a href="#">51.0558, 8.6771, -12.5515</a>

# Details

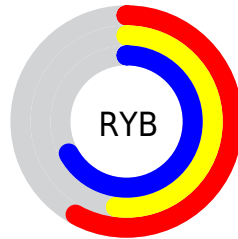
The Hex color **9585AA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **9AAA85**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **CBBAE1**, and **625376** is the 20% darker color. If you saturate the color by 10%, you get **8B74AA**, and if you desaturate by 10%, it is **9F96AA**.

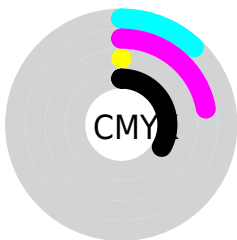
# Distribution



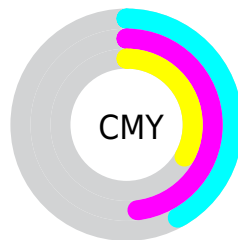
- Red (58%)
- Green (52%)
- Blue (67%)



- Red (58%)
- Yellow (52%)
- Blue (67%)



- Cyan (12%)
- Magenta (22%)
- Yellow (0%)
- Black (33%)



- Cyan (42%)
- Magenta (48%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9585AA 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 9585AA by changing the saturation by 10% instead.





9585AA



9585AA

FFFFFF



7B6C8F



CBBAE1



625376



E8D6FE



4A3C5D



FFF2FF



332645



1D122F



00001A



000000



9585AA



9585AA



8B74AA



9F96AA

8263AA

A8A7AA

7852AA

B2B8AA

6E41AA

BCC9AA

6530AA

C5DAAA

5B1FAA

CFEBAA

510EAA

D9FCAA

4A00AA

E2FFAA

ECFFAA

# Harmonies

## Analogous

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



7B8CB1



9585AA



A9809B

# Triad

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



9585AA



A68669



589790

# Complementary

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



9585AA



9AAA85

# 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.



6A957D



9585AA



958C66

# Square

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



9585AA



B18075



7F926D



5395A2

# Rectangle

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



9585AA



B07E8E



7F926D



5D9689



# Sweetspot

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



9585AA



D5CEDE



859BAA



6B6770



F0F0F0



707070



# Same Dimension

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



9585AA



BDA4DE



A785AA



4F4C54



400094



090014



# Inverse Universe

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



AA859A



DEA4C5



88AA85



544C51



940054

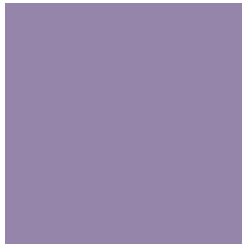


14000C



# Previews

## White Background



This preview shows how the Hex color 9585AA looks on a white background.

## Color Contrast Check

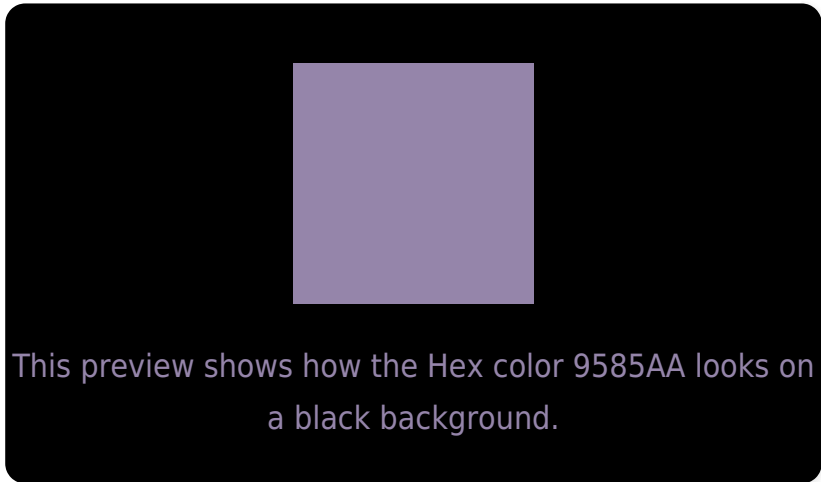
Large Text (above 18pt) WCAG AA ✓ Pass

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

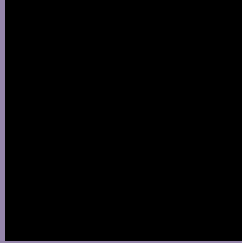
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9585AA Background



This preview shows how black text looks on a background with the Hex color 9585AA.



This preview shows how white text looks on a background with the Hex color 9585AA.

# 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**  
918994

# Trichromacy



**Original Color**  
9585AA

**Protanomaly**  
8A88AD

**Deuteranomaly**  
8F88A9

**Tritanomaly**  
92889C

# Monochromacy



**Original Color**  
9585AA

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
918B98

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9585AA 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 #9585AA looks like.

```
.text, #text, p{  
    color:#9585AA  
}
```

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 #9585AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9585AA
}
```

## Border

The CSS property to change the border of an element to Hex 9585AA 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
#9585AA }
```

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

```
.border{ border-color:#9585AA }
```

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

Here you see how a box with a 4 pixel #9585AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9585AA; -webkit-box-shadow:4px 4px  
4px 4px #9585AA; box-shadow:4px 4px 4px  
4px #9585AA }
```

# Background

The CSS property to change the background color of an element to Hex 9585AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9585AA }
```

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

```
.background{ background-color:#9585AA }
```

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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