

Converting Colors

Hex(9581A9)

Have a look what the booklet for
Hex(9581A9) contains.

Hex(9581A9)	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(9581A9)

Conversions

Conversions Part 1

Format	Color
Hex	9581A9
RGB	149, 129, 169
RGB Percent	58%, 51%, 66%
CMY	0.4157, 0.4941, 0.3373
CMYK	0.12, 0.24, 0.00, 0.34
HSL	270°, 19%, 58%
HSV	270°, 24%, 66%
XYZ	27.4061, 24.9546, 40.9084
YIQ	139.5400, -0.9200, 16.6800

Conversions

Conversions Part 2

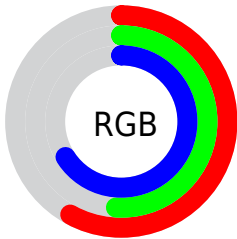
Format	Color
R_{YB}	149, 129, 169
Decimal	9798057
CIE _{Lab}	57.03, 15.53, -18.40
CIE _{LCh}	57, 24.080, 310.172
Yxy	24.9546, 0.2938, 0.2676
Android (android.graphics.Color)	4287988137 (0xFF9581A9)
YUV	139.5400, 14.5238, 8.2964
Hunter-Lab	49.9546, 10.5081, -13.5850

Details

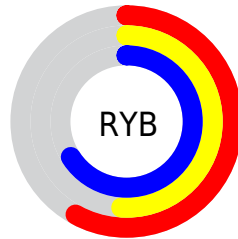
The Hex color **9581A9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **95A981**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **CBB6E0**, and **625075** is the 20% darker color. If you saturate the color by 10%, you get **8D70A9**, and if you desaturate by 10%, it is **9D92A9**.

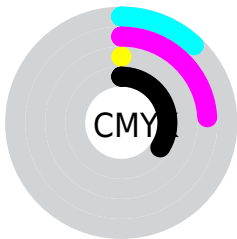
Distribution



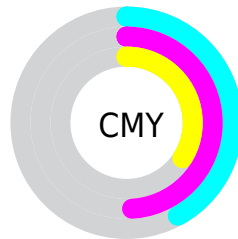
- Red (58%)
- Green (51%)
- Blue (66%)



- Red (58%)
- Yellow (51%)
- Blue (66%)



- Cyan (12%)
- Magenta (24%)
- Yellow (0%)
- Black (34%)



- Cyan (42%)
- Magenta (49%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9581A9 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 9581A9 by changing the saturation by 10% instead.

■ 9581A9

■ 9581A9

FFFFFF

■ 7B688E

■ CBB6E0

■ 625075

■ E8D2FD

■ 4A395C

■ FFEEFF

■ 332344

■ 1D0E2E

■ 000019

■ 000000

■ 9581A9

■ 9581A9

■ 8D70A9

■ 9D92A9

845FA9

A6A3A9

7C4EA9

AEB4A9

733DA9

B7C5A9

6B2CA9

BFD5A9

621CA9

C8E6A9

5A0BA9

D0F7A9

5400A9

D9FFA9

E1FFA9

Harmonies

Analogous

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



7888B2



9581A9



AA7B98

Triad

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



9581A9



A48362



4D9590

Complementary

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



9581A9



95A981

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.



61937A



9581A9



918A5F

Square

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



9581A9



B07C6F



799068



4993A3

Rectangle

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



9581A9



B1798A



799068



539588

Sweetspot

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



9581A9



D4CCDB



8195A9



69656E



EDEDED



6E6E6E

Same Dimension

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



9581A9



BD9EDB



A981A9



504C54



4A0094



0A0014

Inverse Universe

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



A98195



DB9EBD



81A981



544C50



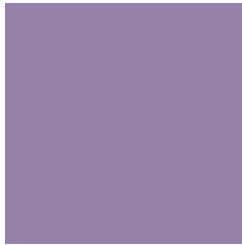
94004A



14000A

Previews

White Background



This preview shows how the Hex color 9581A9 looks on a white background.

Color Contrast Check

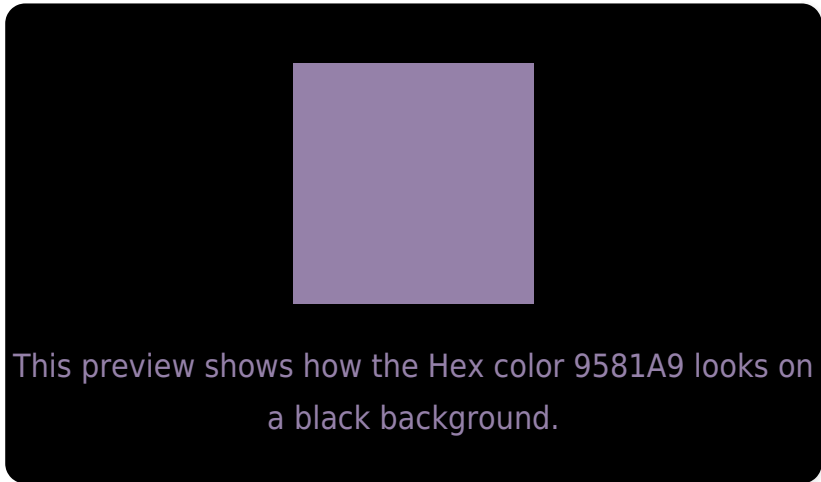
Large Text (above 18pt) WCAG AA ✓ Pass

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 9581A9 Background



This preview shows how black text looks on a background with the Hex color 9581A9.



This preview shows how white text looks on a background with the Hex color 9581A9.

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
9581A9

Protanopia
7F88AE

Deuteranopia
8786A8



Tritanopia
918690

Trichromacy



Original Color
9581A9

Protanomaly
8785AC

Deuteranomaly
8C84A8

Tritanomaly
928499

Monochromacy



Original Color
9581A9

Achromatopsia
8C8C8C

Achromatomaly
8F8897

CSS Examples

Text

The CSS property to change the color of the text to Hex 9581A9 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 #9581A9 looks like.

```
.text, #text, p{  
    color:#9581A9  
}
```

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 #9581A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9581A9
}
```

Border

The CSS property to change the border of an element to Hex 9581A9 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
#9581A9 }
```

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

```
.border{ border-color:#9581A9 }
```

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

Here you see how a box with a 4 pixel #9581A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9581A9; -webkit-box-shadow:4px 4px  
4px 4px #9581A9; box-shadow:4px 4px 4px  
4px #9581A9 }
```

Background

The CSS property to change the background color of an element to Hex 9581A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9581A9 }
```

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

```
.background{ background-color:#9581A9 }
```

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