

Converting Colors

Hex(99509A)

Have a look what the booklet for
Hex(99509A) contains.

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Color

Hex(99509A)

Conversions

Conversions Part 1

Format	Color
Hex	99509A
RGB	153, 80, 154
RGB Percent	60%, 31%, 60%
CMY	0.4000, 0.6863, 0.3961
CMYK	0.01, 0.48, 0.00, 0.40
HSL	299°, 32%, 46%
HSV	299°, 48%, 60%
XYZ	21.8383, 14.8427, 32.2858
YIQ	110.2630, 19.7540, 38.4900

Conversions

Conversions Part 2

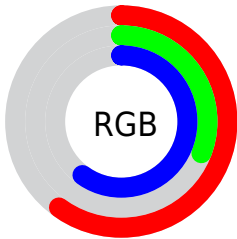
Format	Color
R_{YB}	153, 80, 154
Decimal	10047642
CIE _{Lab}	45.42, 41.51, -27.47
CIE _{LCh}	45, 49.777, 326.500
Yxy	14.8427, 0.3166, 0.2152
Android (android.graphics.Color)	4288237722 (0xFF99509A)
YUV	110.2630, 21.5623, 37.4803
Hunter-Lab	38.5263, 33.7602, -22.7178

Details

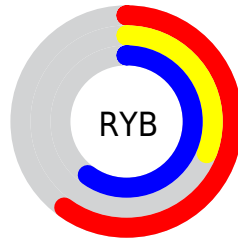
The Hex color **99509A** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **519A50**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **D184D1**, and **641D67** is the 20% darker color. If you saturate the color by 10%, you get **99419A**, and if you desaturate by 10%, it is **995F9A**.

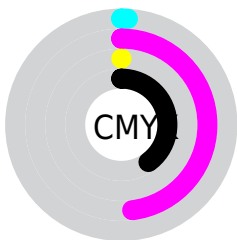
Distribution



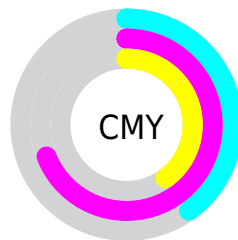
- Red (60%)
- Green (31%)
- Blue (60%)



- Red (60%)
- Yellow (31%)
- Blue (60%)



- Cyan (1%)
- Magenta (48%)
- Yellow (0%)
- Black (40%)



- Cyan (40%)
- Magenta (69%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99509A 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 99509A by changing the saturation by 10% instead.



99509A



99509A

FFFFFF



7E3780



D184D1



641D67



EE9FED



4A004E



FFBAFF



320037



FFD6FF



1A0021



FFF3FF



000006



000000



99509A



99509A



99419A



995F9A

99319A

996F9A

98229A

9A7E9A

98129A

9A8E9A

98039A

9A9D9A

98009A

9AAC9A

9ABC9A

9BCB9A

9BDB9A

Harmonies

Analogous

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



6263B6



99509A



B34372

Triad

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



99509A



85680B



007F8F

Complementary

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



99509A



519A50

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.



007F65



99509A



5C7418

Square

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



99509A



A35725



1E7B3B



007BB0

Rectangle

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



99509A



B74456



1E7B3B



007F82

Sweetspot

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



99509A



C9ADC9



50519A



665566



E6E6E6



666666

Same Dimension

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



99509A



C855C9



9A5076



4C454D



8A008C



0D000D

Inverse Universe

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



9A5051



C95556



509A74



4D4545



8C0002



0D0000

Previews

White Background



This preview shows how the Hex color 99509A looks on a white background.

Color Contrast Check

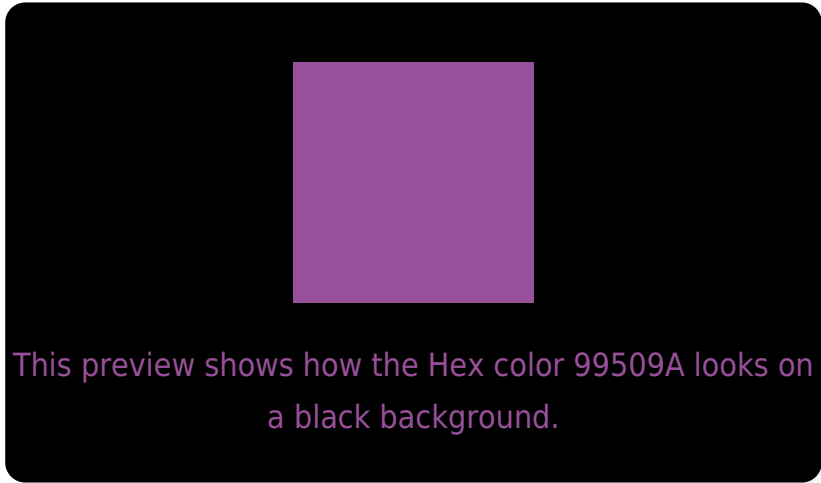
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

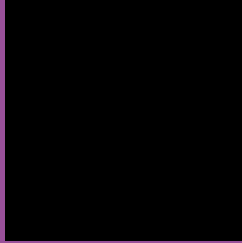
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 99509A Background



This preview shows how black text looks on a background with the Hex color 99509A.

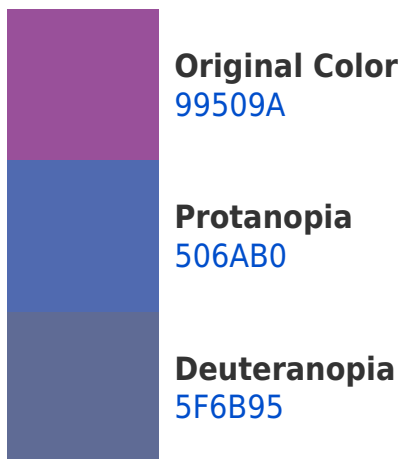



This preview shows how white text looks on a background with the Hex color 99509A.

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
925D64

Trichromacy



Original Color
99509A



Protanomaly
6B61A8



Deuteranomaly
746197



Tritanomaly
955878

Monochromacy



Original Color
99509A



Achromatopsia
6E6E6E



Achromatomaly
7E637E

CSS Examples

Text

The CSS property to change the color of the text to Hex 99509A 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 #99509A looks like.

```
.text, #text, p{  
    color:#99509A  
}
```

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 #99509A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99509A
}
```

Border

The CSS property to change the border of an element to Hex 99509A is called "border". The border property can be set on classes, ids or directly on the HTML element.

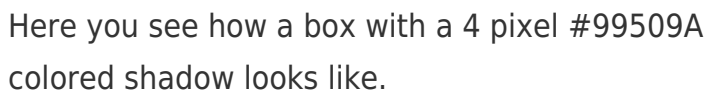
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#99509A }
```

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

```
.border{ border-color:#99509A }
```

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



Here you see how a box with a 4 pixel #99509A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99509A; -webkit-box-shadow:4px 4px  
4px 4px #99509A; box-shadow:4px 4px 4px  
4px #99509A }
```

Background

The CSS property to change the background color of an element to Hex 99509A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99509A }
```

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

```
.background{ background-color:#99509A }
```

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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