

Converting Colors

Hex(99509B)

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

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Color

Hex(99509B)

Conversions

Conversions Part 1

Format	Color
Hex	99509B
RGB	153, 80, 155
RGB Percent	60%, 31%, 61%
CMY	0.4000, 0.6863, 0.3922
CMYK	0.01, 0.48, 0.00, 0.39
HSL	298°, 32%, 46%
HSV	298°, 48%, 61%
XYZ	21.9219, 14.8762, 32.7263
YIQ	110.3770, 19.4330, 38.8010

Conversions

Conversions Part 2

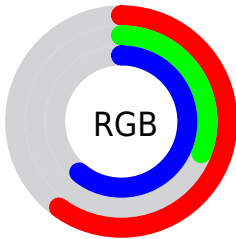
Format	Color
R_{YB}	153, 80, 155
Decimal	10047643
CIE _{Lab}	45.46, 41.70, -28.00
CIE _{LCh}	45, 50.227, 326.122
Yxy	14.8762, 0.3153, 0.2140
Android (android.graphics.Color)	4288237723 (0xFF99509B)
YUV	110.3770, 21.9991, 37.3804
Hunter-Lab	38.5697, 33.9576, -23.3088

Details

The Hex color **99509B** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **529B50**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **D184D2**, and **641D67** is the 20% darker color. If you saturate the color by 10%, you get **99419B**, and if you desaturate by 10%, it is **99609B**.

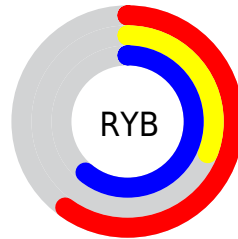
Distribution



Red (60%)

Green (31%)

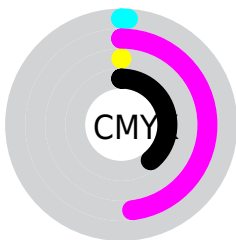
Blue (61%)



Red (60%)

Yellow (31%)

Blue (61%)

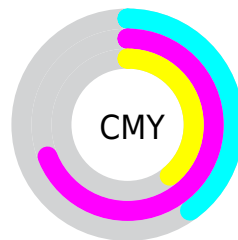


Cyan (1%)

Magenta (48%)

Yellow (0%)

Black (39%)



Cyan (40%)

Magenta (69%)

Yellow (39%)

Brightness & Saturation Gradients

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

99509B

99509B

FFFFFF

7E3781

D184D2

641D67

EE9FEE

4A004F

FFBAFF

320038

FFD6FF

1A0022

FFF3FF

000007

000000

99509B

99509B

99419B

99609B

98319B

9A6F9B

98229B

9A7E9B

97129B

9B8E9B

97039B

9B9D9B

97009B

9BAD9B

9CBD9B

9CCC9B

9DDC9B

Harmonies

Analogous

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



6163B7



99509B



B34373

Triad

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



99509B



85680A



007F8F

Complementary

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



99509B



529B50

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



99509B



5D7416

Square

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



99509B



A45725



1E7B3A



007BB1

Rectangle

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



99509B



B74457



1E7B3A



007F82

Sweetspot

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



99509B



C9ABC9



50529B



665466



E6E6E6



666666

Same Dimension

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



99509B



C655C9



9B5078



4C454D



89008C



0C000D

Inverse Universe

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



9B5052



C95558



509B73



4D4545



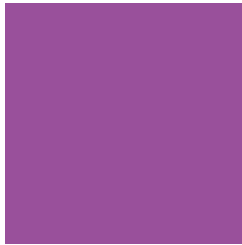
8C0004



0D0000

Previews

White Background



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

Color Contrast Check

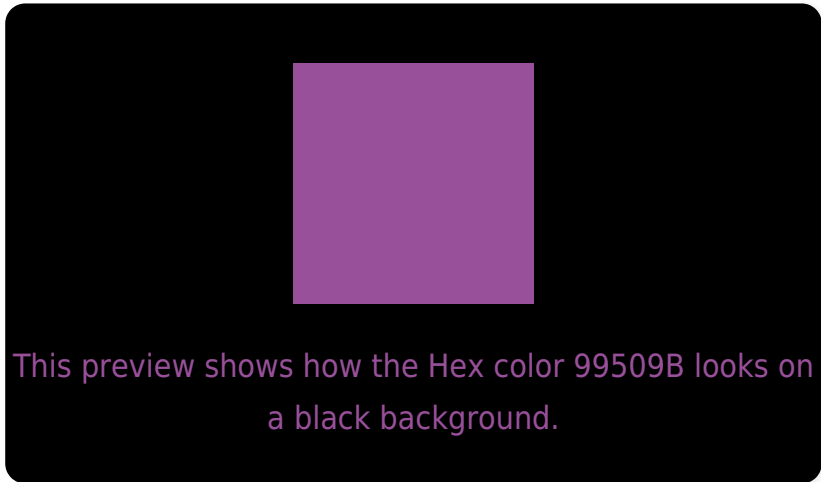
Large Text (above 18pt) WCAG AA ✓ Pass

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

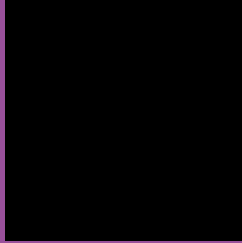
Any Text WCAG AA × Fail

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 99509B Background



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

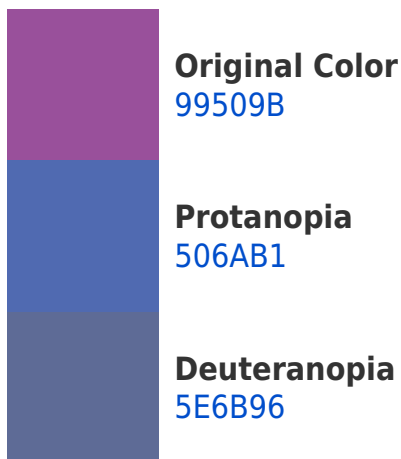


This preview shows how white text looks on a background with the Hex color 99509B.

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](#).

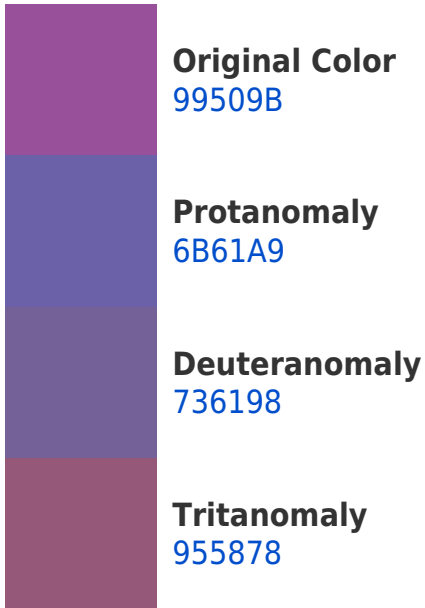
Dichromacy



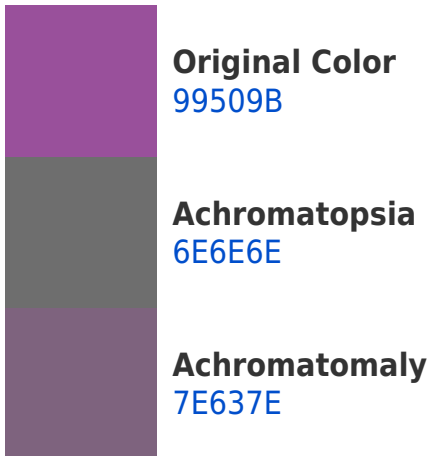


Tritanopia
925D64

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #99509B colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 99509B 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
#99509B }
```

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

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

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

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

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

Background

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

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

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

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

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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