

# Converting Colors

Hex(91539B)

Have a look what the booklet for  
Hex(91539B) contains.

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**Color**

**Hex(91539B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	91539B
RGB	145, 83, 155
RGB Percent	57%, 33%, 61%
CMY	0.4314, 0.6745, 0.3922
CMYK	0.06, 0.46, 0.00, 0.39
HSL	292°, 30%, 47%
HSV	292°, 46%, 61%
XYZ	20.6867, 14.5728, 32.7329
YIQ	109.7460, 13.8400, 35.5360

# Conversions

## Conversions Part 2

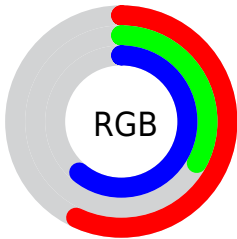
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 83, 155
Decimal	9524123
CIE <sub>Lab</sub>	45.04, 37.64, -28.73
CIE <sub>LCh</sub>	45, 47.355, 322.646
Yxy	14.5728, 0.3043, 0.2143
Android (android.graphics.Color)	4287714203 (0xFF91539B)
YUV	109.7460, 22.3102, 30.9178
Hunter-Lab	38.1744, 29.9241, -24.1166

# Details

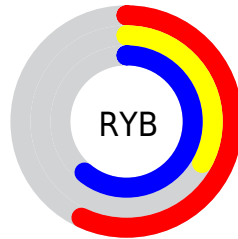
The Hex color **91539B** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5D9B53**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **C886D2**, and **5D2267** is the 20% darker color. If you saturate the color by 10%, you get **8F449B**, and if you desaturate by 10%, it is **93629B**.

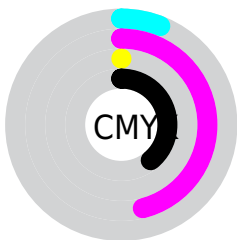
# Distribution



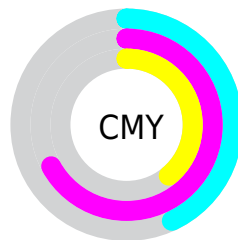
- Red (57%)
- Green (33%)
- Blue (61%)



- Red (57%)
- Yellow (33%)
- Blue (61%)



- Cyan (6%)
- Magenta (46%)
- Yellow (0%)
- Black (39%)



- Cyan (43%)
- Magenta (67%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91539B 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 91539B by changing the saturation by 10% instead.



91539B

91539B

FFFFFF

763A81

C886D2

5D2267

E5A1EE

43064F

FFBDFE

2C0038

FFD9FF

110022

FFF5FF

000007

000000

91539B

91539B

8F449B

93629B

8D349B

95729B

8B259B

97829B

88159B

9A919B

86069B

9CA19B

85009B

9EB09B

A0C09B

A2CF9B

A4DF9B

# Harmonies

## Analogous

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



5964B4



91539B



AD4676

# Triad

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



91539B



876514



007D88

# Complementary

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



91539B



5D9B53

# 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.



007D5F



91539B



62711A

# Square

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



91539B



A3562C



2F7938



007AA9

# Rectangle

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



91539B



B2455B



2F7938



007E7B



# Sweetspot

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



91539B



C6ADC9



535E9B



645566



E6E6E6



666666



# Same Dimension

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



91539B



BA59C9



9B5382



4B454D



79008C



0B000D



# Inverse Universe

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



9B535D



C95968



539B6C



4D4546



8C0013

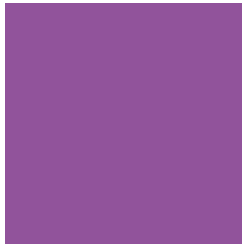


0D0002



# Previews

## White Background



This preview shows how the Hex color 91539B looks on a white background.

## Color Contrast Check

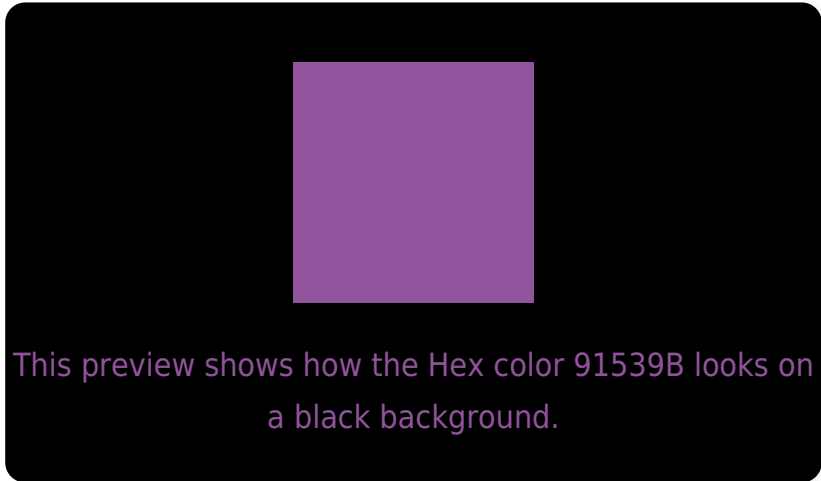
Large Text (above 18pt) WCAG AA ✓ Pass

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

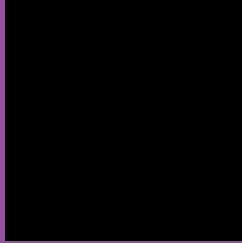
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 91539B Background



This preview shows how black text looks on a background with the Hex color 91539B.

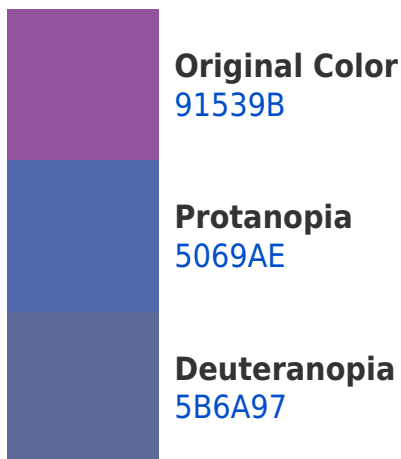


This preview shows how white text looks on a background with the Hex color 91539B.

# 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](#).

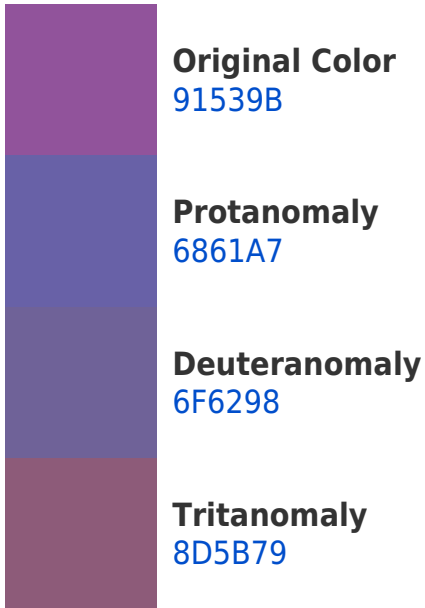
## Dichromacy



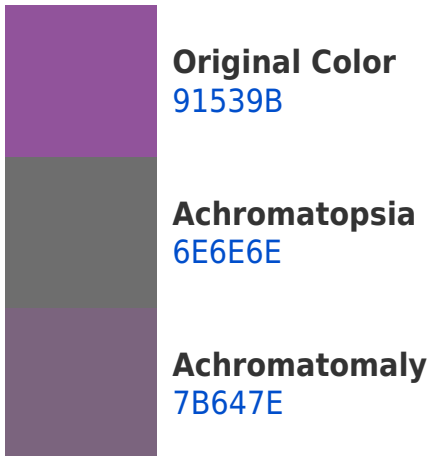


**Tritanopia**  
8A5F66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91539B 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 #91539B looks like.

```
.text, #text, p{  
    color:#91539B  
}
```

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 #91539B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91539B
}
```

## Border

The CSS property to change the border of an element to Hex 91539B is called "border". The border property can be set on classes, ids or directly on the HTML element.

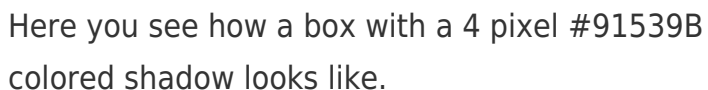
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#91539B }
```

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

```
.border{ border-color:#91539B }
```

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



Here you see how a box with a 4 pixel #91539B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91539B; -webkit-box-shadow:4px 4px  
4px 4px #91539B; box-shadow:4px 4px 4px  
4px #91539B }
```

# Background

The CSS property to change the background color of an element to Hex 91539B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91539B }
```

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

```
.background{ background-color:#91539B }
```

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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