

# Converting Colors

Hex(94469D)

Have a look what the booklet for  
Hex(94469D) contains.

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# Color

**Hex(94469D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	94469D
RGB	148, 70, 157
RGB Percent	58%, 27%, 62%
CMY	0.4196, 0.7255, 0.3843
CMYK	0.06, 0.55, 0.00, 0.38
HSL	294°, 38%, 45%
HSV	294°, 55%, 62%
XYZ	20.4887, 13.1105, 33.3490
YIQ	103.2400, 18.5610, 43.5930

# Conversions

## Conversions Part 2

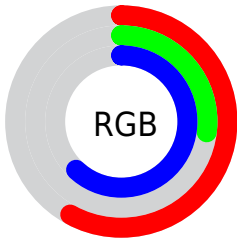
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	148, 70, 157
Decimal	9717405
CIE Lab	42.93, 45.79, -33.21
CIE LCh	43, 56.569, 324.047
Yxy	13.1105, 0.3060, 0.1958
Android (android.graphics.Color)	4287907485 (0xFF94469D)
YUV	103.2400, 26.5037, 39.2545
Hunter-Lab	36.2085, 37.6401, -29.2618

# Details

The Hex color **94469D** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4F9D46**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **CC7AD4**, and **5F0F69** is the 20% darker color. If you saturate the color by 10%, you get **92369D**, and if you desaturate by 10%, it is **96569D**.

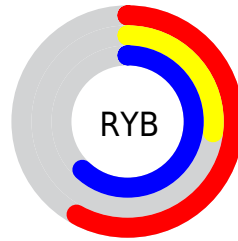
# Distribution



Red (58%)

Green (27%)

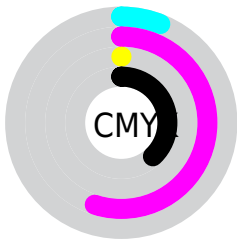
Blue (62%)



Red (58%)

Yellow (27%)

Blue (62%)

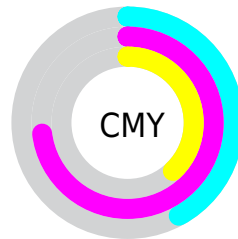


Cyan (6%)

Magenta (55%)

Yellow (0%)

Black (38%)



Cyan (42%)

Magenta (73%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94469D 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 94469D by changing the saturation by 10% instead.



 94469D

 94469D

FFFFFF

 792C83

 CC7AD4

 5F0F69

 E995F0

 450051

 FFB0FF

 2D0039

 FFCCFF

 0E0023

 FFE9FF

 000009

 000000

 94469D

 94469D

 92369D

 96569D

91279D

97659D

8F179D

99759D

8E079D

9A859D

8D009D

9C959D

9EA49D

9FB49D

A1C49D

A3D39D

# Harmonies

## Analogous

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



4F5DBC



94469D



B33371

# Triad

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



94469D



826000



007A8A

# Complementary

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



94469D



4F9D46

# 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.



007A5A



94469D



566E00

# Square

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



94469D



A44C17



00762A



0077B1

# Rectangle

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



94469D



B83352



00762A



007B7B



# Sweetspot

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



94469D



C8A9CC



46509D



645266



E6E6E6



666666



# Same Dimension

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



94469D



BE45CC



9D467C



4E474F



80008F



0E000F



# Inverse Universe

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



9D464F



CC4553



469D67



4F4748



8F000F



0F0002



# Previews

## White Background



This preview shows how the Hex color 94469D looks on a white background.

## Color Contrast Check

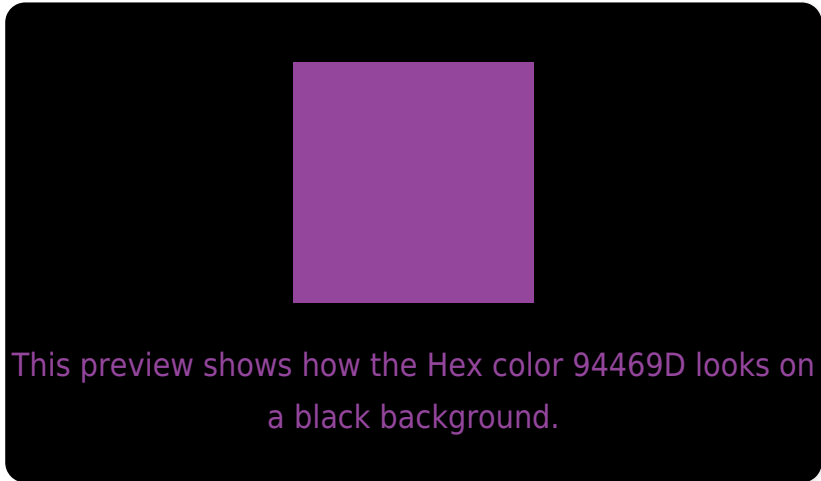
Large Text (above 18pt) WCAG AA ✓ Pass

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

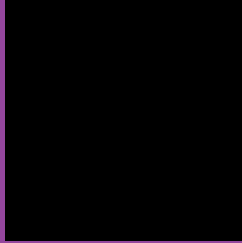
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 94469D Background



This preview shows how black text looks on a background with the Hex color 94469D.

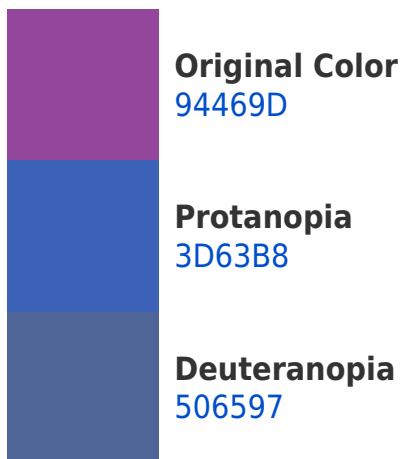


This preview shows how white text looks on a background with the Hex color 94469D.

# 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**  
8C575D

# Trichromacy



**Original Color**  
94469D



**Protanomaly**  
5D58AE



**Deuteranomaly**  
695A99



**Tritanomaly**  
8F5174

# Monochromacy



**Original Color**  
94469D



**Achromatopsia**  
676767



**Achromatomaly**  
775B7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94469D 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 #94469D looks like.

```
.text, #text, p{  
  color:#94469D  
}
```

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 #94469D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94469D
}
```

## Border

The CSS property to change the border of an element to Hex 94469D is called "border". The border property can be set on classes, ids or directly on the HTML element.

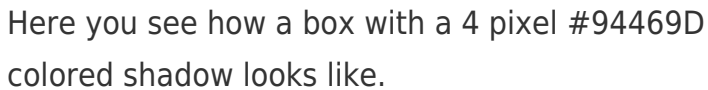
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94469D }
```

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

```
.border{ border-color:#94469D }
```

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



Here you see how a box with a 4 pixel #94469D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94469D; -webkit-box-shadow:4px 4px  
4px 4px #94469D; box-shadow:4px 4px 4px  
4px #94469D }
```

# Background

The CSS property to change the background color of an element to Hex 94469D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94469D }
```

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

```
.background{ background-color:#94469D }
```

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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