

# Converting Colors

Hex(94629F)

Have a look what the booklet for  
Hex(94629F) contains.

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# Color

**Hex(94629F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	94629F
RGB	148, 98, 159
RGB Percent	58%, 38%, 62%
CMY	0.4196, 0.6157, 0.3765
CMYK	0.07, 0.38, 0.00, 0.38
HSL	289°, 24%, 50%
HSV	289°, 38%, 62%
XYZ	22.8384, 17.5345, 34.9817
YIQ	119.9040, 10.2190, 29.5710

# Conversions

## Conversions Part 2

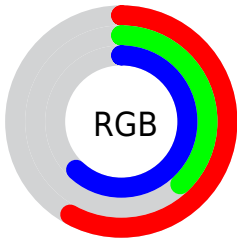
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 98, 159
Decimal	9724575
CIE <sub>Lab</sub>	48.93, 30.99, -25.04
CIE <sub>LCh</sub>	49, 39.841, 321.065
Yxy	17.5345, 0.3031, 0.2327
Android (android.graphics.Color)	4287914655 (0xFF94629F)
YUV	119.9040, 19.2743, 24.6402
Hunter-Lab	41.8742, 24.0752, -20.2189

# Details

The Hex color **94629F** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6D9F62**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **CB96D6**, and **60326B** is the 20% darker color. If you saturate the color by 10%, you get **91529F**, and if you desaturate by 10%, it is **97729F**.

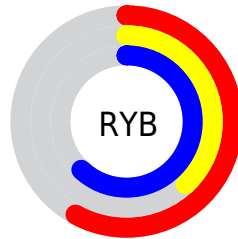
# Distribution



Red (58%)

Green (38%)

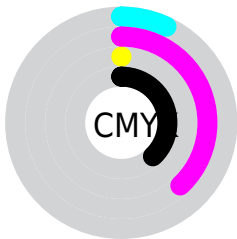
Blue (62%)



Red (58%)

Yellow (38%)

Blue (62%)

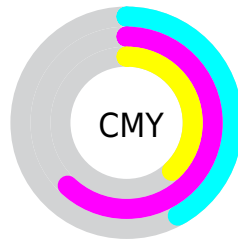


Cyan (7%)

Magenta (38%)

Yellow (0%)

Black (38%)



Cyan (42%)

Magenta (62%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94629F 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 94629F by changing the saturation by 10% instead.



94629F

94629F

FFFFFF

7A4985

CB96D6

60326B

E7B1F2

471A53

FFCCFF

2F033B

FFE9FF

1D0026

00010E

000000

94629F

94629F

91529F

97729F

8E429F

9A829F

8B329F

9D929F

89229F

9FA29F

86129F

A2B29F

83039F

A5C19F

82009F

A8D19F

ABE19F

AEF19F

# Harmonies

## Analogous

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



666FB3



94629F



AD5880

# Triad

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



94629F



916F30



00858B

# Complementary

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



94629F



6D9F62

# 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.



008569



94629F



707A32

# Square

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



94629F



A86241



498148



0082A8

# Rectangle

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



94629F



B35769



498148



008580



# Sweetspot

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



94629F



CAB6CF



626D9F



665A69



E8E8E8



696969



# Same Dimension

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



94629F



BD70CF



9F628C



4E474F



75008F



0D000F



# Inverse Universe

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



9F626D



CF7081



629F75



4F4749



8F001A

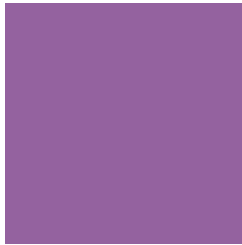


0F0003



# Previews

## White Background



This preview shows how the Hex color 94629F looks on a white background.

## Color Contrast Check

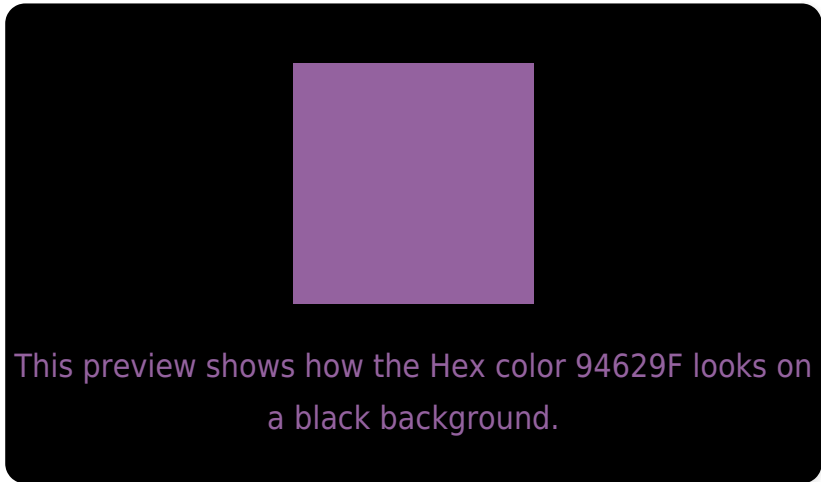
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

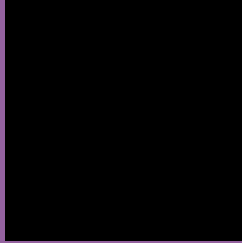
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 94629F Background



This preview shows how black text looks on a background with the Hex color 94629F.

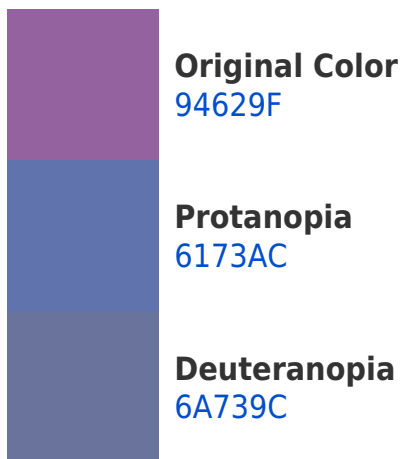



This preview shows how white text looks on a background with the Hex color 94629F.

# 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](#).

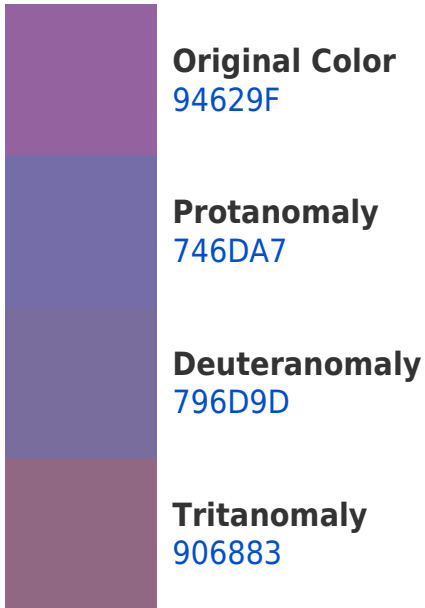
## Dichromacy



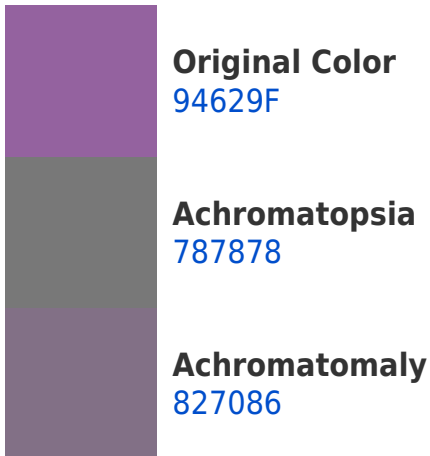


**Tritanopia**  
8E6B73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94629F 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 #94629F looks like.

```
.text, #text, p{  
    color:#94629F  
}
```

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 #94629F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94629F
}
```

## Border

The CSS property to change the border of an element to Hex 94629F is called "border". The border property can be set on classes, ids or directly on the HTML element.

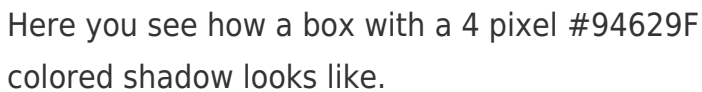
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94629F }
```

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

```
.border{ border-color:#94629F }
```

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



Here you see how a box with a 4 pixel #94629F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94629F; -webkit-box-shadow:4px 4px  
4px 4px #94629F; box-shadow:4px 4px 4px  
4px #94629F }
```

# Background

The CSS property to change the background color of an element to Hex 94629F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94629F }
```

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

```
.background{ background-color:#94629F }
```

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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