

# Converting Colors

Hex(94378D)

Have a look what the booklet for  
Hex(94378D) contains.

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# Color

**Hex(94378D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	94378D
RGB	148, 55, 141
RGB Percent	58%, 22%, 55%
CMY	0.4196, 0.7843, 0.4471
CMYK	0.00, 0.63, 0.05, 0.42
HSL	305°, 46%, 40%
HSV	305°, 63%, 58%
XYZ	18.3866, 10.9514, 26.3440
YIQ	92.6110, 27.8220, 46.4620

# Conversions

## Conversions Part 2

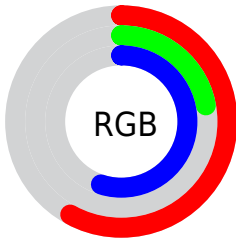
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 55, 141
Decimal	9713549
CIE <sub>Lab</sub>	39.50, 49.96, -28.94
CIE <sub>LCh</sub>	39, 57.732, 329.918
Yxy	10.9514, 0.3302, 0.1967
Android (android.graphics.Color)	4287903629 (0xFF94378D)
YUV	92.6110, 23.8558, 48.5762
Hunter-Lab	33.0928, 41.2635, -24.0337

# Details

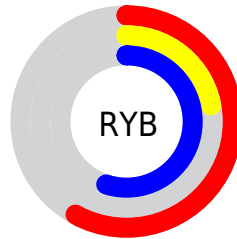
The Hex color **94378D** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **37943E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **CC6CC3**, and **5E005A** is the 20% darker color. If you saturate the color by 10%, you get **94288C**, and if you desaturate by 10%, it is **94468E**.

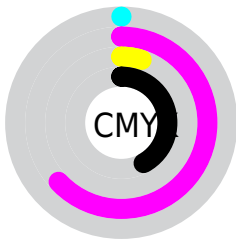
# Distribution



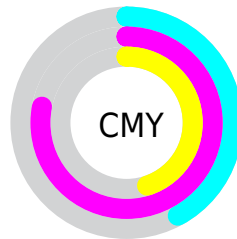
- Red (58%)
- Green (22%)
- Blue (55%)



- Red (58%)
- Yellow (22%)
- Blue (55%)



- Cyan (0%)
- Magenta (63%)
- Yellow (5%)
- Black (42%)



- Cyan (42%)
- Magenta (78%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94378D 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 94378D by changing the saturation by 10% instead.



94378D

94378D

FFFFFF

791A73

CC6CC3

5E005A

E987DF

440042

FFA2FC

2E002C

FFBEFF

000016

FFDBFF

000000

FFF8FF

94378D

94378D

94288C

94468E

94198B

94558F

940B8A

946390

940089

947291

948193

949094

949F95

94AD96

94BC97

# Harmonies

## Analogous

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



5750AF



94378D



AD245F

# Triad

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



94378D



715B00



00718B

# Complementary

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



94378D



37943E

# 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.



00715C



94378D



426800

# Square

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



94378D



954800



006E2A



006DAF

# Rectangle

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



94378D



AE2840



006E2A



00727C



# Sweetspot

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



94378D



BF9BBD



3D3794



614B5F



E0E0E0



616161



# Same Dimension

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



94378D



BF30B4



94375F



4A4349



8A007F



0A0009



# Inverse Universe

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



94378D



BF30B4



37946C



4A4349



8A007F



0A0009



# Previews

## White Background



This preview shows how the Hex color 94378D looks on a white background.

## Color Contrast Check

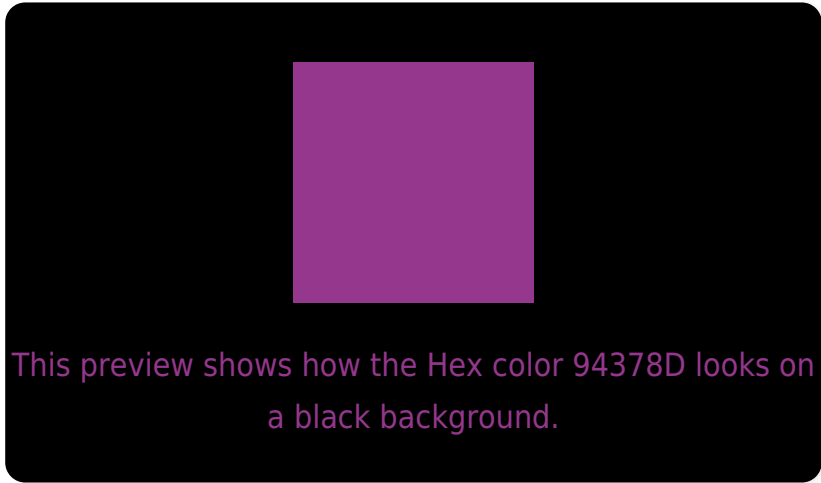
Large Text (above 18pt) WCAG AA ✓ Pass

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 94378D Background



This preview shows how black text looks on a background with the Hex color 94378D.

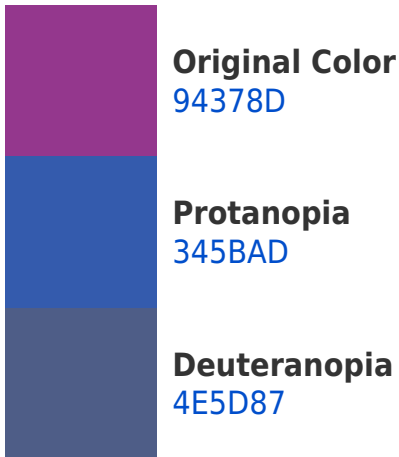


This preview shows how white text looks on a background with the Hex color 94378D.

# 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](#).

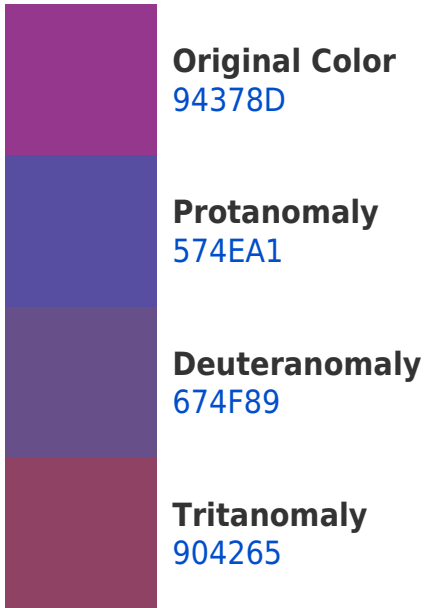
## Dichromacy



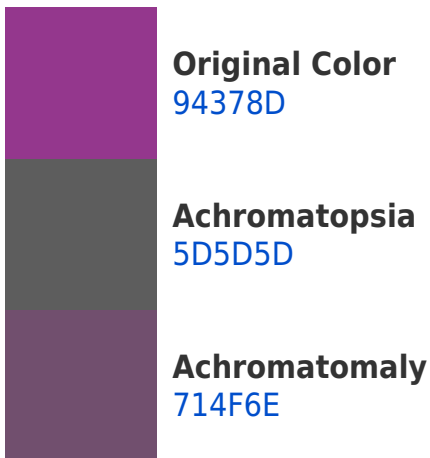


**Tritanopia**  
8D494E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94378D 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 #94378D looks like.

```
.text, #text, p{  
    color:#94378D  
}
```

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 #94378D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94378D
}
```

## Border

The CSS property to change the border of an element to Hex 94378D is called "border". The border property can be set on classes, ids or directly on the HTML element.

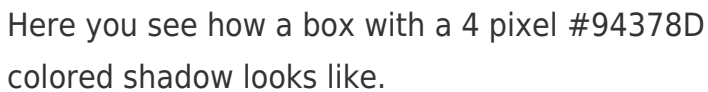
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94378D }
```

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

```
.border{ border-color:#94378D }
```

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



Here you see how a box with a 4 pixel #94378D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94378D; -webkit-box-shadow:4px 4px  
4px 4px #94378D; box-shadow:4px 4px 4px  
4px #94378D }
```

# Background

The CSS property to change the background color of an element to Hex 94378D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94378D }
```

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

```
.background{ background-color:#94378D }
```

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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