

# Converting Colors

Hex(943C7D)

Have a look what the booklet for  
Hex(943C7D) contains.

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# Color

**Hex(943C7D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	943C7D
RGB	148, 60, 125
RGB Percent	58%, 24%, 49%
CMY	0.4196, 0.7647, 0.5098
CMYK	0.00, 0.59, 0.16, 0.42
HSL	316°, 42%, 41%
HSV	316°, 59%, 58%
XYZ	17.5303, 11.0083, 20.6029
YIQ	93.7220, 31.5830, 38.8710

# Conversions

## Conversions Part 2

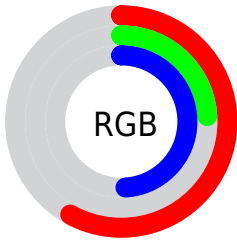
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 60, 125
Decimal	9714813
CIE <sub>Lab</sub>	39.59, 44.98, -18.97
CIE <sub>LCh</sub>	40, 48.817, 337.135
Yxy	11.0083, 0.3567, 0.2240
Android (android.graphics.Color)	4287904893 (0xFF943C7D)
YUV	93.7220, 15.4201, 47.6018
Hunter-Lab	33.1787, 36.2492, -13.5920

# Details

The Hex color **943C7D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3C9453**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **CC70B2**, and **5E004C** is the 20% darker color. If you saturate the color by 10%, you get **942D79**, and if you desaturate by 10%, it is **944B81**.

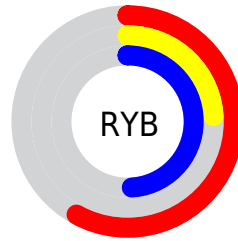
# Distribution



Red (58%)

Green (24%)

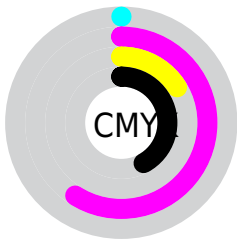
Blue (49%)



Red (58%)

Yellow (24%)

Blue (49%)

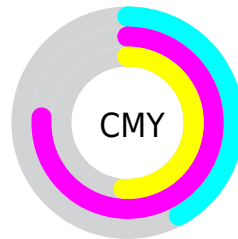


Cyan (0%)

Magenta (59%)

Yellow (16%)

Black (42%)



Cyan (42%)

Magenta (76%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 943C7D 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 943C7D by changing the saturation by 10% instead.



 943C7D

 943C7D

FFFFFF

 792164

 CC70B2

 5E004C

 E98BCD

 450035

 FFA6EA

 2F0020

 FFC2FF

 000003

 FFDEFF

 000000

 FFFCFF

 943C7D

 943C7D

 942D79

 944B81

941E75

945A85

941071

946889

94016E

94778C

94006D

948690

949594

94A498

94B29C

94C1A0

# Harmonies

## Analogous

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



6A4E9D



943C7D



A43455

# Triad

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



943C7D



685F00



006F8C

# Complementary

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



943C7D



3C9453

# 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.



007066



943C7D



3D6816

# Square

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



943C7D



88500C



006E3D



006AA7

# Rectangle

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



943C7D



A23A3C



006E3D



006F81



# Sweetspot

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



943C7D



BF9DB6



523C94



614C5B



E0E0E0



616161



# Same Dimension

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



943C7D



BF379C



943C52



4A4348



8A0066



0A0008



# Inverse Universe

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



943C7D



BF379C



3C947E



4A4348



8A0066



0A0008



# Previews

## White Background



This preview shows how the Hex color 943C7D looks on a white background.

## Color Contrast Check

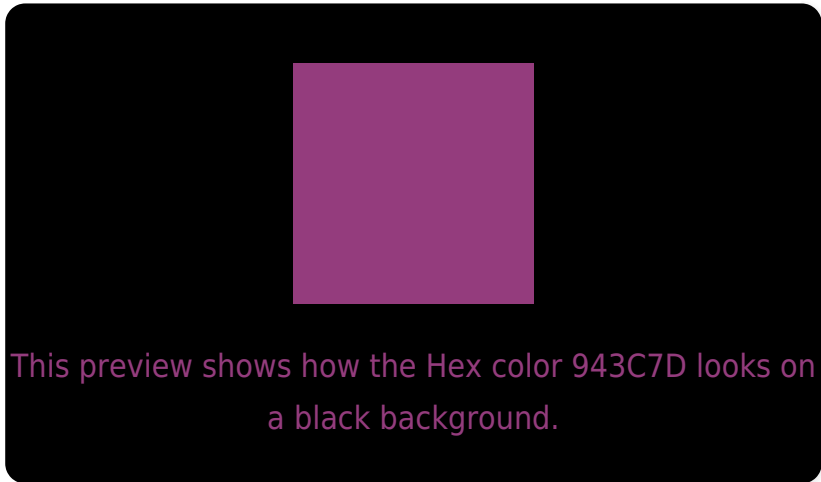
Large Text (above 18pt) WCAG AA ✓ Pass

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

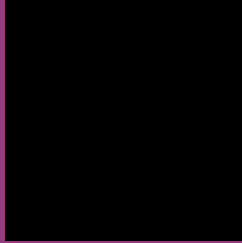
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 943C7D Background



This preview shows how black text looks on a background with the Hex color 943C7D.

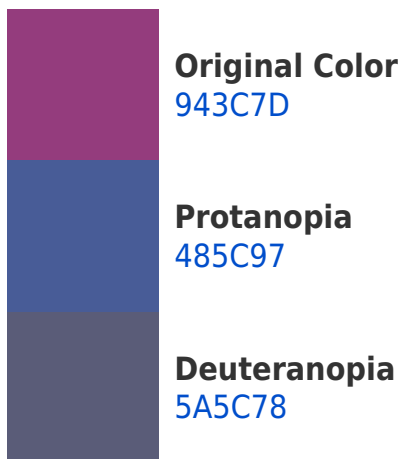



This preview shows how white text looks on a background with the Hex color 943C7D.

# 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](#).

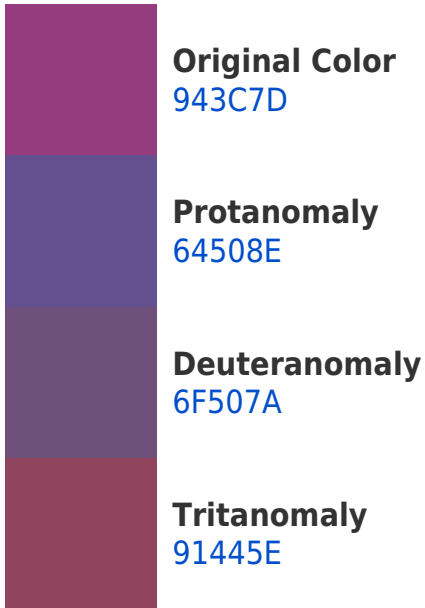
## Dichromacy



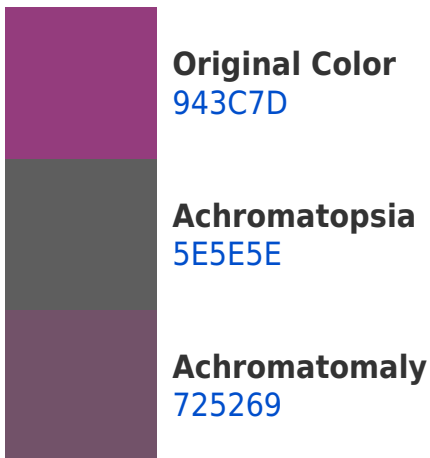


**Tritanopia**  
8F484D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 943C7D 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 #943C7D looks like.

```
.text, #text, p{  
    color:#943C7D  
}
```

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 #943C7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #943C7D
}
```

## Border

The CSS property to change the border of an element to Hex 943C7D is called "border". The border property can be set on classes, ids or directly on the HTML element.

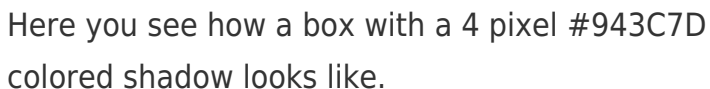
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#943C7D }
```

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

```
.border{ border-color:#943C7D }
```

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



Here you see how a box with a 4 pixel #943C7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #943C7D; -webkit-box-shadow:4px 4px  
4px 4px #943C7D; box-shadow:4px 4px 4px  
4px #943C7D }
```

# Background

The CSS property to change the background color of an element to Hex 943C7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#943C7D }
```

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

```
.background{ background-color:#943C7D }
```

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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