

# Converting Colors

Hex(943E87)

Have a look what the booklet for  
Hex(943E87) contains.

<b>Hex(943E87)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(943E87)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	943E87
RGB	148, 62, 135
RGB Percent	58%, 24%, 53%
CMY	0.4196, 0.7569, 0.4706
CMYK	0.00, 0.58, 0.09, 0.42
HSL	309°, 41%, 41%
HSV	309°, 58%, 58%
XYZ	18.3085, 11.4904, 24.1746
YIQ	96.0360, 27.8230, 40.9350

# Conversions

## Conversions Part 2

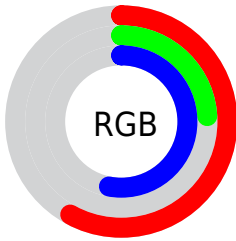
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 62, 135
Decimal	9715335
CIE <sub>Lab</sub>	40.39, 45.68, -23.87
CIE <sub>LCh</sub>	40, 51.545, 332.409
Yxy	11.4904, 0.3392, 0.2129
Android (android.graphics.Color)	4287905415 (0xFF943E87)
YUV	96.0360, 19.2093, 45.5724
Hunter-Lab	33.8975, 37.0898, -18.5554

# Details

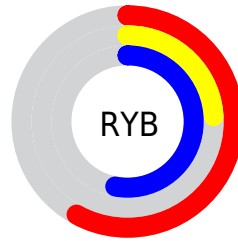
The Hex color **943E87** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3E944B**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **CC72BD**, and **5F0155** is the 20% darker color. If you saturate the color by 10%, you get **942F85**, and if you desaturate by 10%, it is **944D89**.

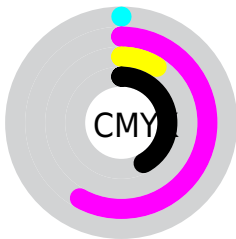
# Distribution



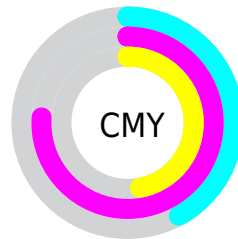
- Red (58%)
- Green (24%)
- Blue (53%)



- Red (58%)
- Yellow (24%)
- Blue (53%)



- Cyan (0%)
- Magenta (58%)
- Yellow (9%)
- Black (42%)



- Cyan (42%)
- Magenta (76%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 943E87 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 943E87 by changing the saturation by 10% instead.





943E87



943E87

FFFFFF



79236D



CC72BD



5F0155



E98DD8



45003D



FFA8F5



2F0028



FFC4FF



030011



FFE1FF



000000

FFFEFF



943E87



943E87



942F85



944D89

942083

945C8B

941280

946A8E

94037E

947990

94007E

948892

949794

94A697

94B499

94C39B

# Harmonies

## Analogous

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



6252A7



943E87



A9325E

# Triad

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



943E87



705E00



00728B

# Complementary

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



943E87



3E944B

# 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.



007261



943E87



456A0A

# Square

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



943E87



914E0E



007036



006EAA

# Rectangle

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



943E87



A93642



007036



00727E



# Sweetspot

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



943E87



BF9FBA



4B3E94



614E5E



E0E0E0



616161



# Same Dimension

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



943E87



BF39AB



943E5C



4A4349



8A0075



0A0009



# Inverse Universe

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



943E87



BF39AB



3E9476



4A4349



8A0075



0A0009



# Previews

## White Background



This preview shows how the Hex color 943E87 looks on a white background.

## Color Contrast Check

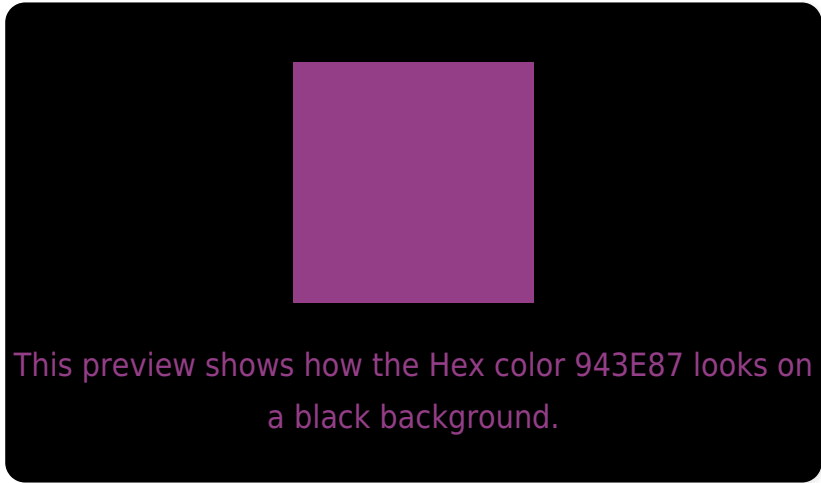
Large Text (above 18pt) WCAG AA ✓ Pass

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

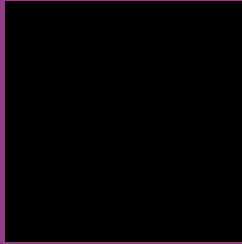
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 943E87 Background



This preview shows how black text looks on a background with the Hex color 943E87.

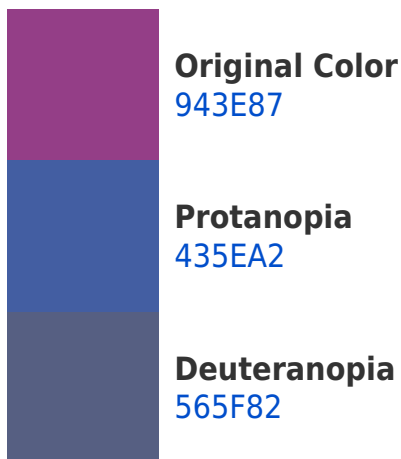


This preview shows how white text looks on a background with the Hex color 943E87.

# 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](#).

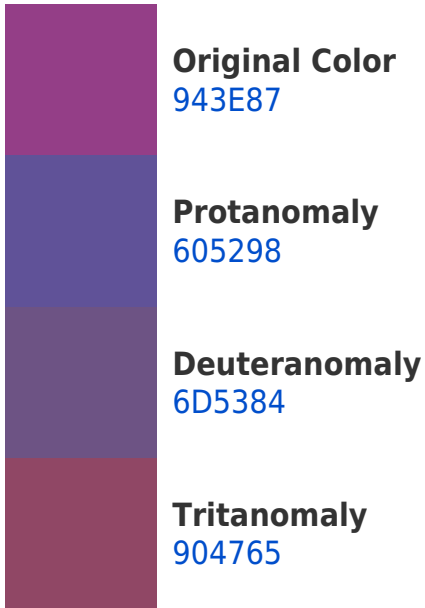
## Dichromacy



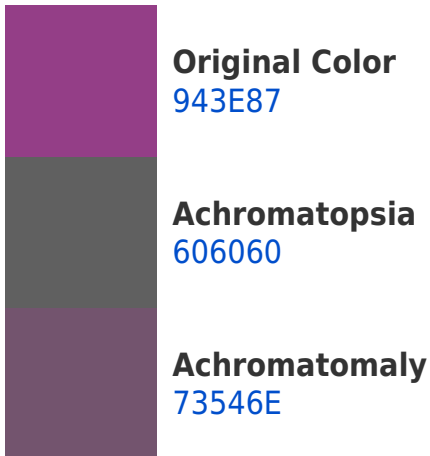


**Tritanopia**  
8E4C51

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 943E87 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 #943E87 looks like.

```
.text, #text, p{  
    color:#943E87  
}
```

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 #943E87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #943E87
}
```

## Border

The CSS property to change the border of an element to Hex 943E87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

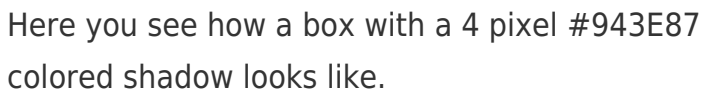
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#943E87 }
```

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

```
.border{ border-color:#943E87 }
```

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



Here you see how a box with a 4 pixel #943E87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #943E87; -webkit-box-shadow:4px 4px  
4px 4px #943E87; box-shadow:4px 4px 4px  
4px #943E87 }
```

# Background

The CSS property to change the background color of an element to Hex 943E87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#943E87 }
```

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

```
.background{ background-color:#943E87 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor