

Converting Colors

Hex(943087)

Have a look what the booklet for
Hex(943087) contains.

Hex(943087)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(943087)

Conversions

Conversions Part 1

Format	Color
Hex	943087
RGB	148, 48, 135
RGB Percent	58%, 19%, 53%
CMY	0.4196, 0.8118, 0.4706
CMYK	0.00, 0.68, 0.09, 0.42
HSL	308°, 51%, 38%
HSV	308°, 68%, 58%
XYZ	17.6429, 10.1591, 23.9527
YIQ	87.8180, 31.6730, 48.2570

Conversions

Conversions Part 2

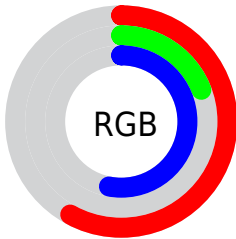
Format	Color
R_{YB}	148, 48, 135
Decimal	9711751
CIE _{Lab}	38.13, 51.92, -27.41
CIE _{LCh}	38, 58.709, 332.166
Yxy	10.1591, 0.3409, 0.1963
Android (android.graphics.Color)	4287901831 (0xFF943087)
YUV	87.8180, 23.2607, 52.7796
Hunter-Lab	31.8733, 43.0270, -22.2449

Details

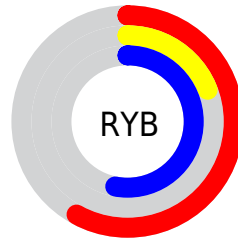
The Hex color **943087** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **30943D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **CD66BD**, and **5E0055** is the 20% darker color. If you saturate the color by 10%, you get **942185**, and if you desaturate by 10%, it is **943F89**.

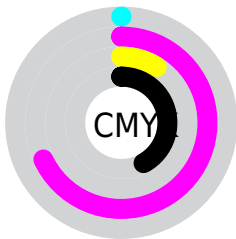
Distribution



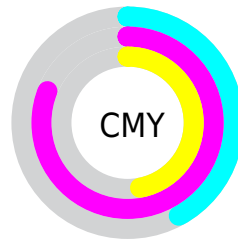
- Red (58%)
- Green (19%)
- Blue (53%)



- Red (58%)
- Yellow (19%)
- Blue (53%)



- Cyan (0%)
- Magenta (68%)
- Yellow (9%)
- Black (42%)



- Cyan (42%)
- Magenta (81%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 943087 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 943087 by changing the saturation by 10% instead.

943087

943087

FFFFFF

790F6D

CD66BD

5E0055

EA81D8

44003D

FF9CF5

2D0027

FFB8FF

000010

FFD5FF

000000

FFF2FF

943087

943087

942185

943F89

941283

944E8B

940481

945C8D

940081

946B8F

947A91

948993

949894

94A696

94B598

Harmonies

Analogous

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



5A4BAB



943087



AB1C58

Triad

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



943087



6A5900



006E8B

Complementary

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



943087



30943D

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.



006E5C



943087



396500

Square

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



943087



8F4600



006B2A



006AAE

Rectangle

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



943087



AB2339



006B2A



006E7C

Sweetspot

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



943087



BF99BA



3C3094



614A5E



E0E0E0



616161

Same Dimension

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



943087



BF24AB



943056



4A4349



8A0078



0A0009

Inverse Universe

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



943087



BF24AB



30946E



4A4349



8A0078



0A0009

Previews

White Background



This preview shows how the Hex color 943087 looks on a white background.

Color Contrast Check

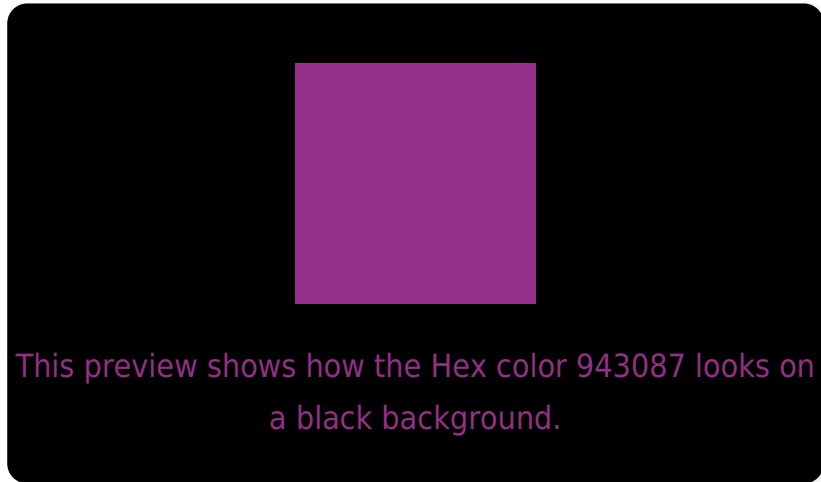
Large Text (above 18pt) WCAG AA ✓ Pass

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

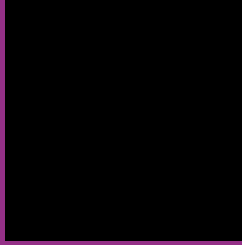
Any Text WCAG AA × Fail

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 943087 Background



This preview shows how black text looks on a background with the Hex color 943087.

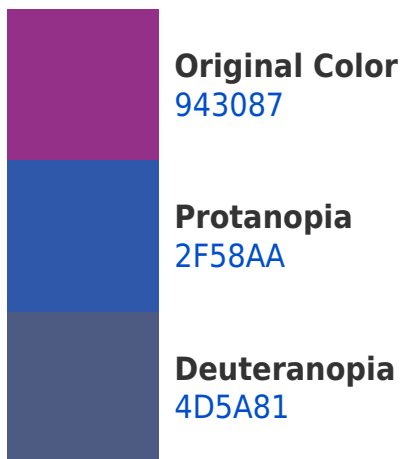


This preview shows how white text looks on a background with the Hex color 943087.

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](#).

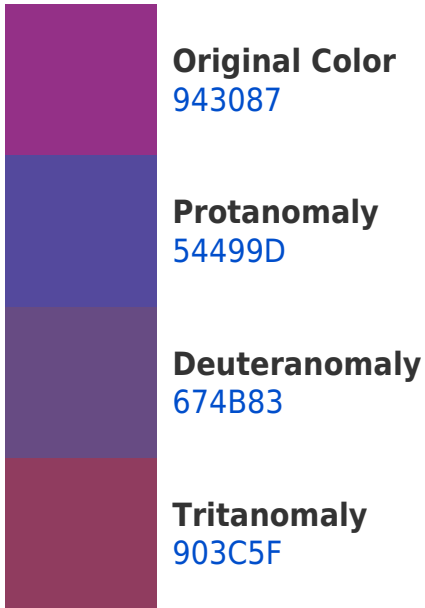
Dichromacy



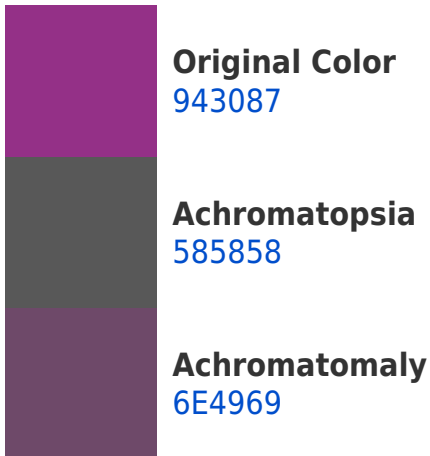


Tritanopia
8D4348

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 943087 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 #943087 looks like.

```
.text, #text, p{  
    color:#943087  
}
```

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 #943087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #943087
}
```

Border

The CSS property to change the border of an element to Hex 943087 is called "border". The border property can be set on classes, ids or directly on the HTML element.

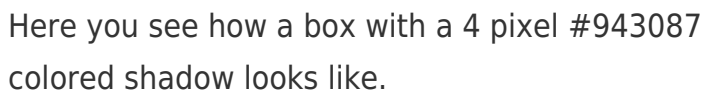
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#943087 }
```

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

```
.border{ border-color:#943087 }
```

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



Here you see how a box with a 4 pixel #943087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #943087; -webkit-box-shadow:4px 4px  
4px 4px #943087; box-shadow:4px 4px 4px  
4px #943087 }
```

Background

The CSS property to change the background color of an element to Hex 943087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#943087 }
```

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

```
.background{ background-color:#943087 }
```

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