

Converting Colors

Hex(943D77)

Have a look what the booklet for
Hex(943D77) contains.

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Color

Hex(943D77)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 943D77 |
| RGB | 148, 61, 119 |
| RGB Percent | 58%, 24%, 47% |
| CMY | 0.4196, 0.7608, 0.5333 |
| CMYK | 0.00, 0.59, 0.20, 0.42 |
| HSL | 320°, 42%, 41% |
| HSV | 320°, 59%, 58% |
| XYZ | 17.2113, 10.9653, 18.6621 |
| YIQ | 93.6250, 33.2340, 36.4820 |

Conversions

Conversions Part 2

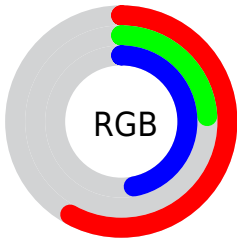
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 148, 61, 119 |
| Decimal | 9715063 |
| CIELab | 39.52, 43.56, -15.37 |
| CIELCh | 40, 46.188, 340.565 |
| Yxy | 10.9653, 0.3675, 0.2341 |
| Android (android.graphics.Color) | 4287905143 (0xFF943D77) |
| YUV | 93.6250, 12.5099, 47.6869 |
| Hunter-Lab | 33.1139, 34.8278, -10.2346 |

Details

The Hex color **943D77** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3D945A**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **CC71AB**, and **5E0146** is the 20% darker color. If you saturate the color by 10%, you get **942E72**, and if you desaturate by 10%, it is **944C7C**.

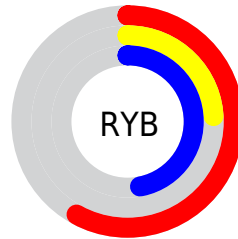
Distribution



Red (58%)

Green (24%)

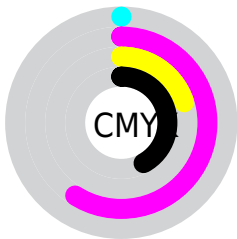
Blue (47%)



Red (58%)

Yellow (24%)

Blue (47%)

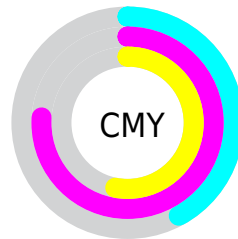


Cyan (0%)

Magenta (59%)

Yellow (20%)

Black (42%)



Cyan (42%)

Magenta (76%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 943D77 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 943D77 by changing the saturation by 10% instead.

943D77

943D77

FFFFFF

79235E

CC71AB

5E0146

E98BC7

450030

FFA7E3

2F001C

FFC3FF

000000

FFDFFF

FFFCFF

943D77

943D77

942E72

944C7C

941F6D

945B81

941168

946986

940263

94788B

940063

948790

949695

94A59A

94B39E

94C2A3

Harmonies

Analogous

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



704D97



943D77



A13851

Triad

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



943D77



636004



006D8D

Complementary

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



943D77



3D945A

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.



006F6A



943D77



3A681F

Square

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



943D77



845210



006D43



0068A4

Rectangle

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



943D77



9E3E39



006D43



006E82

Sweetspot

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



943D77



BF9DB4



5A3D94



614C5A



E0E0E0



616161

Same Dimension

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



943D77



BF3792



943D4C



4A4347



8A005C



0A0007

Inverse Universe

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



943D77



BF3792



3D9485



4A4347



8A005C



0A0007

Previews

White Background



This preview shows how the Hex color 943D77 looks on a white background.

Color Contrast Check

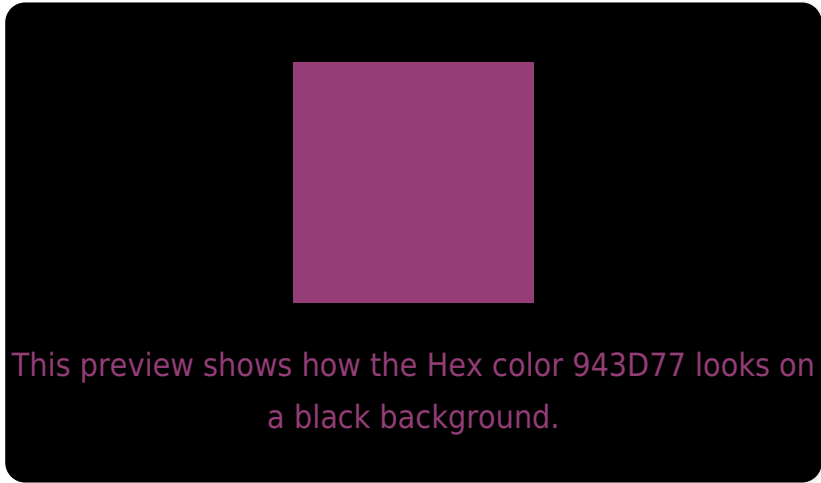
Large Text (above 18pt) WCAG AA ✓ Pass

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

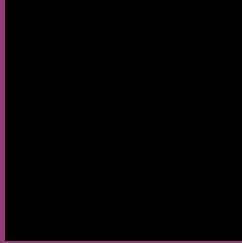
Any Text WCAG AA × Fail

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 943D77 Background



This preview shows how black text looks on a background with the Hex color 943D77.

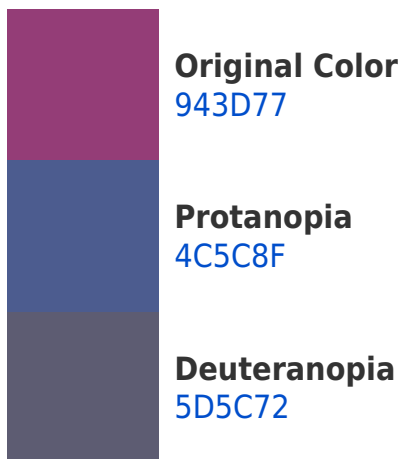


This preview shows how white text looks on a background with the Hex color 943D77.

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
90474C

Trichromacy



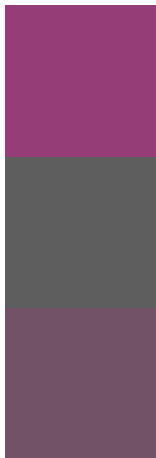
Original Color
943D77

Protanomaly
665186

Deuteranomaly
715174

Tritanomaly
91435C

Monochromacy



Original Color
943D77

Achromatopsia
5E5E5E

Achromatomaly
725267

CSS Examples

Text

The CSS property to change the color of the text to Hex 943D77 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 #943D77 looks like.

```
.text, #text, p{  
    color:#943D77  
}
```

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 #943D77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #943D77
}
```

Border

The CSS property to change the border of an element to Hex 943D77 is called "border". The border property can be set on classes, ids or directly on the HTML element.

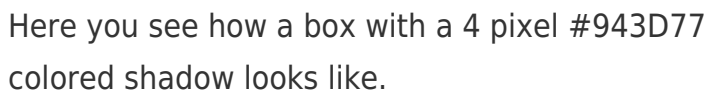
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#943D77 }
```

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

```
.border{ border-color:#943D77 }
```

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



Here you see how a box with a 4 pixel #943D77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #943D77; -webkit-box-shadow:4px 4px  
4px 4px #943D77; box-shadow:4px 4px 4px  
4px #943D77 }
```

Background

The CSS property to change the background color of an element to Hex 943D77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#943D77 }
```

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

```
.background{ background-color:#943D77 }
```

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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