

Converting Colors

Hex(943A55)

Have a look what the booklet for
Hex(943A55) contains.

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Color

Hex(943A55)

Conversions

Conversions Part 1

Format	Color
Hex	943A55
RGB	148, 58, 85
RGB Percent	58%, 23%, 33%
CMY	0.4196, 0.7725, 0.6667
CMYK	0.00, 0.61, 0.43, 0.42
HSL	342°, 44%, 40%
HSV	342°, 61%, 58%
XYZ	15.3655, 9.9779, 9.7104
YIQ	87.9880, 44.9730, 27.4770

Conversions

Conversions Part 2

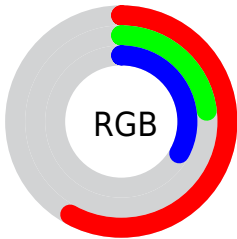
Format	Color
R_YB	148, 58, 85
Decimal	9714261
CIE Lab	37.80, 40.47, 3.41
CIE LCh	38, 40.613, 4.813
Yxy	9.9779, 0.4383, 0.2846
Android (android.graphics.Color)	4287904341 (0xFF943A55)
YUV	87.9880, -1.4731, 52.6305
Hunter-Lab	31.5878, 31.5505, 3.8851

Details

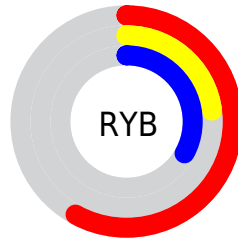
The Hex color **943A55** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3A9479**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **CD6D86**, and **5D0028** is the 20% darker color. If you saturate the color by 10%, you get **942B4B**, and if you desaturate by 10%, it is **94495F**.

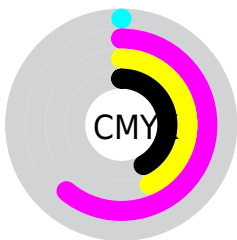
Distribution



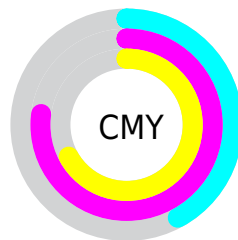
- Red (58%)
- Green (23%)
- Blue (33%)



- Red (58%)
- Yellow (23%)
- Blue (33%)



- Cyan (0%)
- Magenta (61%)
- Yellow (43%)
- Black (42%)



- Cyan (42%)
- Magenta (77%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 943A55 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 943A55 by changing the saturation by 10% instead.

943A55

943A55

FFFFFF

78203E

CD6D86

5D0028

EB88A1

430014

FFA3BC

2B0001

FFBFD7

000000

FFDBF4

FFF8FF

943A55

943A55

942B4B

94495F

941C40

94586A

940E36

946674

94002C

94757E

948489

949393

94A29E

94B0A8

94BFB2

Harmonies

Analogous

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



854076



943A55



914035

Triad

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



943A55



43621F



006494

Complementary

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



943A55



3A9479

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.



00687E



943A55



02673C

Square

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



943A55



655910



00695D



145B9A

Rectangle

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



943A55



874923



00695D



00668E

Sweetspot

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



943A55



BF9DA7



793A94



614C52



E0E0E0



616161

Same Dimension

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



943A55



BF345E



944C3A



4A4345



8A0029



0A0003

Inverse Universe

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



943A55



BF345E



3A8294



4A4345



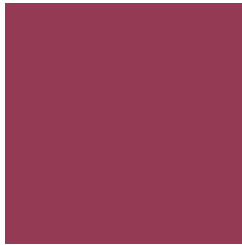
8A0029



0A0003

Previews

White Background



This preview shows how the Hex color 943A55 looks on a white background.

Color Contrast Check

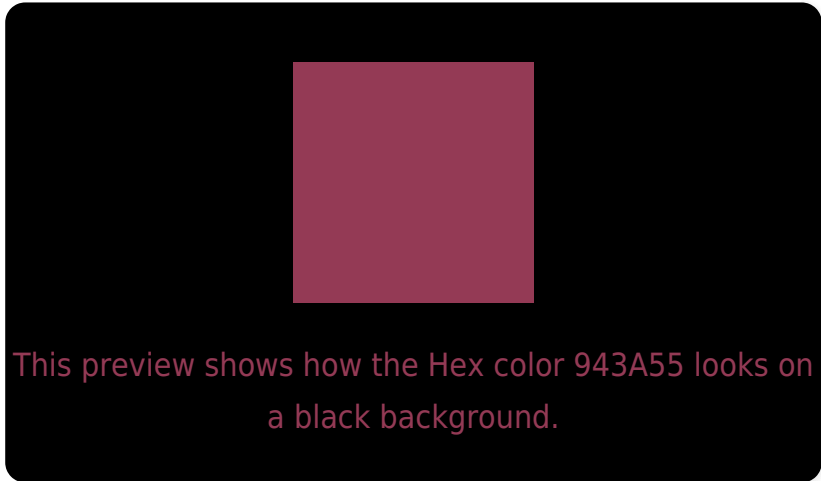
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

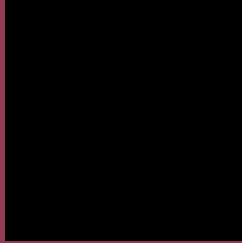
Any Text WCAG AA × Fail

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 943A55 Background



This preview shows how black text looks on a background with the Hex color 943A55.

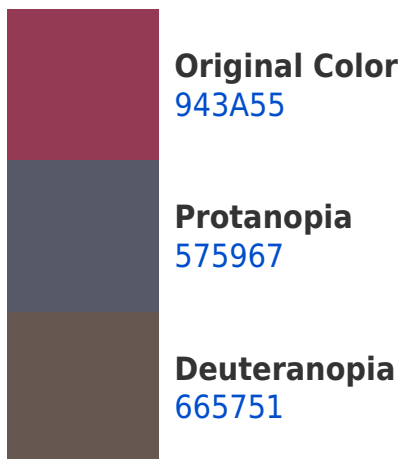


This preview shows how white text looks on a background with the Hex color 943A55.

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
933E42

Trichromacy



Original Color
943A55

Protanomaly
6D4E60

Deuteranomaly
774C52

Tritanomaly
933D49

Monochromacy



Original Color
943A55

Achromatopsia
585858

Achromatomaly
6E4D57

CSS Examples

Text

The CSS property to change the color of the text to Hex 943A55 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 #943A55 looks like.

```
.text, #text, p{  
    color:#943A55  
}
```

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 #943A55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #943A55
}
```

Border

The CSS property to change the border of an element to Hex 943A55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

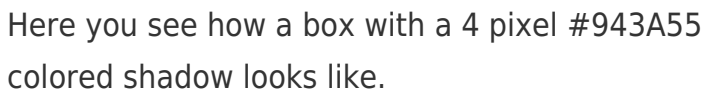
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#943A55 }
```

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

```
.border{ border-color:#943A55 }
```

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



Here you see how a box with a 4 pixel #943A55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #943A55; -webkit-box-shadow:4px 4px  
4px 4px #943A55; box-shadow:4px 4px 4px  
4px #943A55 }
```

Background

The CSS property to change the background color of an element to Hex 943A55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#943A55 }
```

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

```
.background{ background-color:#943A55 }
```

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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