

Converting Colors

Hex(933A56)

Have a look what the booklet for
Hex(933A56) contains.

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Color

Hex(933A56)

Conversions

Conversions Part 1

Format	Color
Hex	933A56
RGB	147, 58, 86
RGB Percent	58%, 23%, 34%
CMY	0.4235, 0.7725, 0.6627
CMYK	0.00, 0.61, 0.41, 0.42
HSL	341°, 43%, 40%
HSV	341°, 61%, 58%
XYZ	15.2254, 9.9010, 9.9127
YIQ	87.8030, 44.0560, 27.5760

Conversions

Conversions Part 2

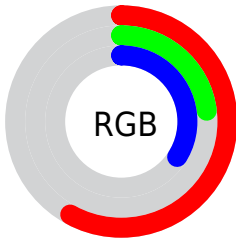
Format	Color
R_{YB}	147, 58, 86
Decimal	9648726
CIE _{Lab}	37.66, 40.24, 2.55
CIE _{LCh}	38, 40.318, 3.630
Yxy	9.9010, 0.4345, 0.2826
Android (android.graphics.Color)	4287838806 (0xFF933A56)
YUV	87.8030, -0.8889, 51.9158
Hunter-Lab	31.4659, 31.3053, 3.3480

Details

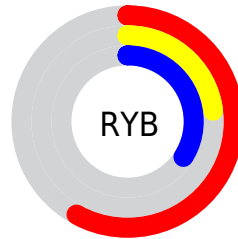
The Hex color **933A56** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3A9377**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **CC6D88**, and **5C0029** is the 20% darker color. If you saturate the color by 10%, you get **932B4C**, and if you desaturate by 10%, it is **934960**.

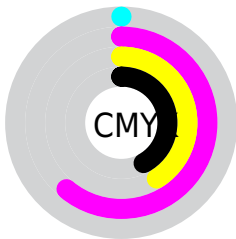
Distribution



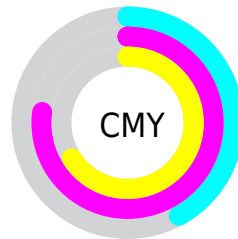
- Red (58%)
- Green (23%)
- Blue (34%)



- Red (58%)
- Yellow (23%)
- Blue (34%)



- Cyan (0%)
- Magenta (61%)
- Yellow (41%)
- Black (42%)



- Cyan (42%)
- Magenta (77%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 933A56 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 933A56 by changing the saturation by 10% instead.

 933A56

 933A56

FFFFFF

 77203F

 CC6D88

 5C0029

 E988A2

 420015

 FFA3BD

 2B0001

 FFBFD8

 000000

 FFDBF5

 FFF8FF

 933A56

 933A56

 932B4C

 934960

931D42

93576A

930E38

936674

93002E

93757E

938488

939292

93A19D

93B0A7

93BEB1

Harmonies

Analogous

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



834176



933A56



914036

Triad

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



933A56



45611E



006493

Complementary

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



933A56



3A9377

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.



00687C



933A56



09663A

Square

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



933A56



665811



00685C



0D5B9A

Rectangle

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



933A56



874824



00685C



00658D

Sweetspot

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



933A56



BF9DA8



773A93



614C52



E0E0E0



616161

Same Dimension

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



933A56



BF3460



934A3A



4A4345



8A002B



0A0003

Inverse Universe

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



933A56



BF3460



3A8393



4A4345



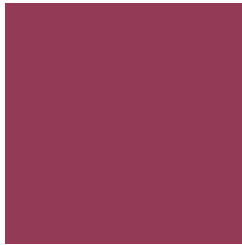
8A002B



0A0003

Previews

White Background



This preview shows how the Hex color 933A56 looks on a white background.

Color Contrast Check

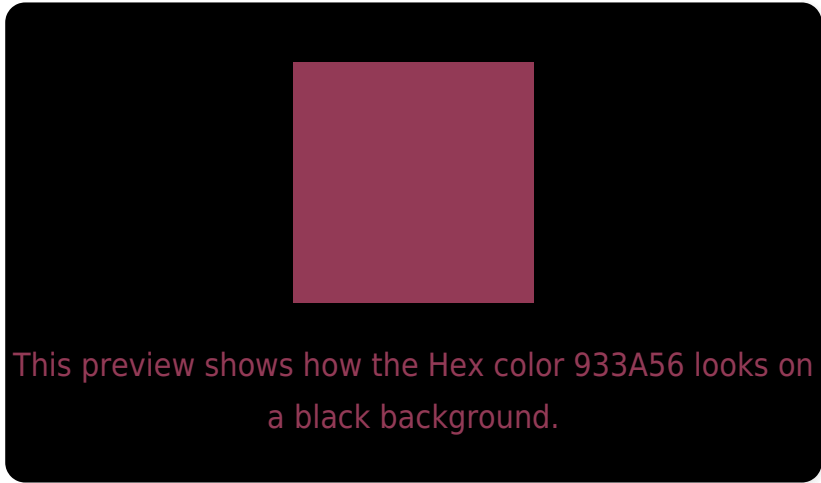
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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 933A56 Background



This preview shows how black text looks on a background with the Hex color 933A56.

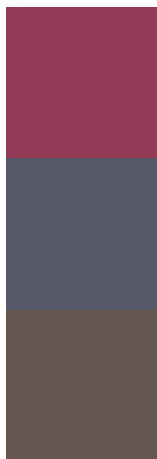


This preview shows how white text looks on a background with the Hex color 933A56.

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



Original Color
933A56

Protanopia
575968

Deuteranopia
655652



Tritanopia
923E42

Trichromacy



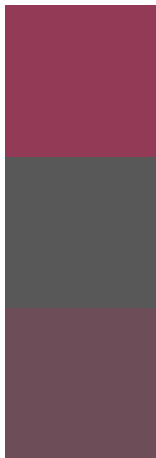
Original Color
933A56

Protanomaly
6D4E61

Deuteranomaly
764C53

Tritanomaly
923D49

Monochromacy



Original Color
933A56

Achromatopsia
585858

Achromatomaly
6D4D57

CSS Examples

Text

The CSS property to change the color of the text to Hex 933A56 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 #933A56 looks like.

```
.text, #text, p{  
    color:#933A56  
}
```

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 #933A56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #933A56
}
```

Border

The CSS property to change the border of an element to Hex 933A56 is called "border". The border property can be set on classes, ids or directly on the HTML element.

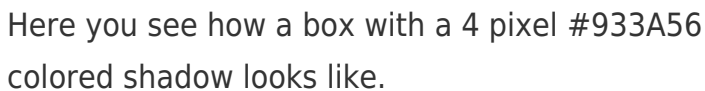
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#933A56 }
```

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

```
.border{ border-color:#933A56 }
```

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



Here you see how a box with a 4 pixel #933A56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #933A56; -webkit-box-shadow:4px 4px  
4px 4px #933A56; box-shadow:4px 4px 4px  
4px #933A56 }
```

Background

The CSS property to change the background color of an element to Hex 933A56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#933A56 }
```

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

```
.background{ background-color:#933A56 }
```

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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