

Converting Colors

Hex(933B5C)

Have a look what the booklet for
Hex(933B5C) contains.

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Color

Hex(933B5C)

Conversions

Conversions Part 1

Format	Color
Hex	933B5C
RGB	147, 59, 92
RGB Percent	58%, 23%, 36%
CMY	0.4235, 0.7686, 0.6392
CMYK	0.00, 0.60, 0.37, 0.42
HSL	338°, 43%, 40%
HSV	338°, 60%, 58%
XYZ	15.5284, 10.1037, 11.2570
YIQ	89.0740, 41.8550, 28.9190

Conversions

Conversions Part 2

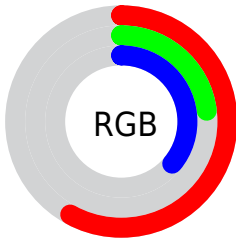
Format	Color
R_{YB}	147, 59, 92
Decimal	9648988
CIE _{Lab}	38.03, 40.46, -0.72
CIE _{LCh}	38, 40.465, 358.986
Yxy	10.1037, 0.4209, 0.2739
Android (android.graphics.Color)	4287839068 (0xFF933B5C)
YUV	89.0740, 1.4425, 50.8011
Hunter-Lab	31.7863, 31.5755, 1.2531

Details

The Hex color **933B5C** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3B9372**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **CC6E8E**, and **5D012E** is the 20% darker color. If you saturate the color by 10%, you get **932C53**, and if you desaturate by 10%, it is **934A65**.

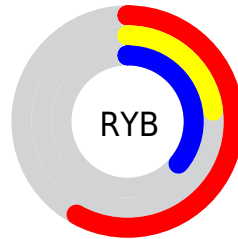
Distribution



Red (58%)

Green (23%)

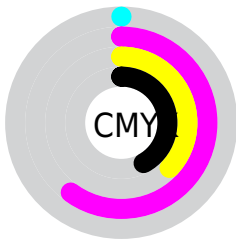
Blue (36%)



Red (58%)

Yellow (23%)

Blue (36%)

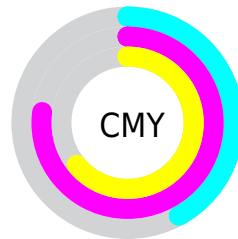


Cyan (0%)

Magenta (60%)

Yellow (37%)

Black (42%)



Cyan (42%)

Magenta (77%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 933B5C 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 933B5C by changing the saturation by 10% instead.

 933B5C

 933B5C

FFFFFF

 772145

 CC6E8E

 5D012E

 E989A8

 42001A

 FFA4C4

 2C0001

 FFC0E0

 000000

 FFDCFC

 FFF9FF

 933B5C

 933B5C

 932C53

 934A65

 931E4A

 93586E

 930F40

 936778

 930037

 937681

 93848A

 939393

 93A29C

 93B1A5

 93BFAF

Harmonies

Analogous

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



80437C



933B5C



933F3C

Triad

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



933B5C



4B611B



006591

Complementary

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



933B5C



3B9372

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.



006978



933B5C



1B6736

Square

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



933B5C



6C5812



006957



005E9B

Rectangle

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



933B5C



8B4729



006957



00678A

Sweetspot

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



933B5C



BF9DAA



713B93



614C54



E0E0E0



616161

Same Dimension

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



933B5C



BF3669



93453B



4A4345



8A0034



0A0004

Inverse Universe

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



933B5C



BF3669



3B8993



4A4345



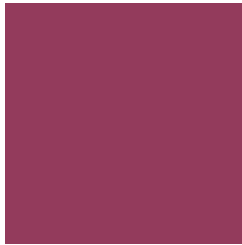
8A0034



0A0004

Previews

White Background



This preview shows how the Hex color 933B5C 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 933B5C Background



This preview shows how black text looks on a background with the Hex color 933B5C.



This preview shows how white text looks on a background with the Hex color 933B5C.

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
933B5C

Protanopia
55596F

Deuteranopia
645758



Tritanopia
914044

Trichromacy



Original Color
933B5C

Protanomaly
6C4E68

Deuteranomaly
754D59

Tritanomaly
923E4D

Monochromacy



Original Color
933B5C

Achromatopsia
595959

Achromatomaly
6E4E5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 933B5C 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 #933B5C looks like.

```
.text, #text, p{  
    color:#933B5C  
}
```

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 #933B5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #933B5C
}
```

Border

The CSS property to change the border of an element to Hex 933B5C is called "border". The border property can be set on classes, ids or directly on the HTML element.

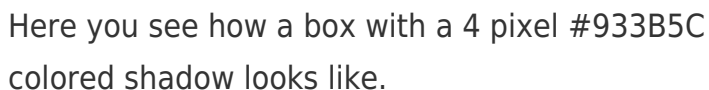
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#933B5C }
```

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

```
.border{ border-color:#933B5C }
```

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



Here you see how a box with a 4 pixel #933B5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #933B5C; -webkit-box-shadow:4px 4px  
4px 4px #933B5C; box-shadow:4px 4px 4px  
4px #933B5C }
```

Background

The CSS property to change the background color of an element to Hex 933B5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#933B5C }
```

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

```
.background{ background-color:#933B5C }
```

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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