

Converting Colors

Hex(93433B)

Have a look what the booklet for
Hex(93433B) contains.

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Color

Hex(93433B)

Conversions

Conversions Part 1

Format	Color
Hex	93433B
RGB	147, 67, 59
RGB Percent	58%, 26%, 23%
CMY	0.4235, 0.7373, 0.7686
CMYK	0.00, 0.54, 0.60, 0.42
HSL	5°, 43%, 40%
HSV	5°, 60%, 58%
XYZ	14.8292, 10.5331, 5.3892
YIQ	90.0080, 50.2480, 14.4720

Conversions

Conversions Part 2

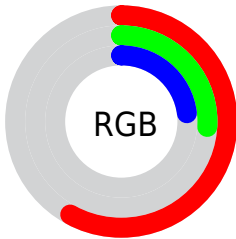
Format	Color
R_{YB}	147, 68, 59
Decimal	9651003
CIE Lab	38.78, 33.04, 21.02
CIE LCh	39, 39.160, 32.466
Yxy	10.5331, 0.4822, 0.3425
Android (android.graphics.Color)	4287841083 (0xFF93433B)
YUV	90.0080, -15.2869, 49.9820
Hunter-Lab	32.4548, 24.7642, 12.8731

Details

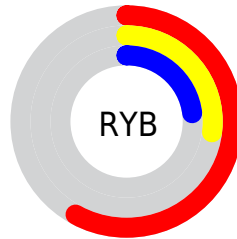
The Hex color **93433B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3B8B93**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **CD756A**, and **5B1111** is the 20% darker color. If you saturate the color by 10%, you get **93362C**, and if you desaturate by 10%, it is **93504A**.

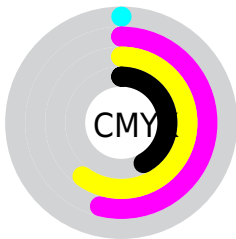
Distribution



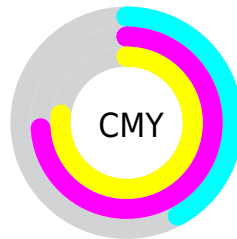
- Red (58%)
- Green (26%)
- Blue (23%)



- Red (58%)
- Yellow (27%)
- Blue (23%)



- Cyan (0%)
- Magenta (54%)
- Yellow (60%)
- Black (42%)



- Cyan (42%)
- Magenta (74%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93433B 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 93433B by changing the saturation by 10% instead.

 93433B

 93433B

FFFFFF

 772B25

 CD756A

 5B1111

 EA9084

 410000

 FFAB9E

 290001

 FFC6B9

 000000

 FFE3D4

 FFFFF1

 93433B

 93433B

 93362C

 93504A

■ 93281E

■ 935E58

■ 931B0F

■ 936B67

■ 930E00

■ 937876

■ 930D00

■ 938684

■ 939393

■ 93A1A2

■ 93AEB1

■ 93BBBF

Harmonies

Analogous

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



943E5A



93433B



834F22

Triad

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



93433B



18693D



165E9B

Complementary

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



93433B



3B8B93

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.



006693



93433B



006B5D

Square

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



93433B



4A6322



006A7D



605291

Rectangle

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



93433B



735718



006A7D



00619A

Sweetspot

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



93433B



BFA09D



933B8C



614E4C



E0E0E0



616161

Same Dimension

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



93433B



BF4236



936E3B



4A4343



8A0D00



0A0100

Inverse Universe

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



3B8B93



36B3BF



3B6093



43494A



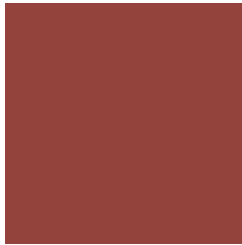
007D8A



00090A

Previews

White Background



This preview shows how the Hex color 93433B 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

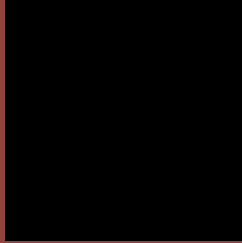
Any Text WCAG AA × Fail

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 93433B Background



This preview shows how black text looks on a background with the Hex color 93433B.

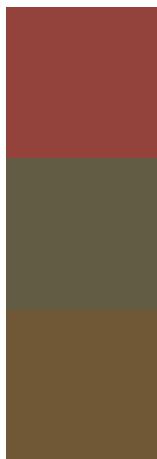


This preview shows how white text looks on a background with the Hex color 93433B.

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
93433B

Protanopia
635C45

Deuteranopia
705837



Tritanopia
944146

Trichromacy



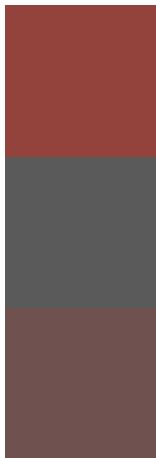
Original Color
93433B

Protanomaly
745341

Deuteranomaly
7D5038

Tritanomaly
944242

Monochromacy



Original Color
93433B

Achromatopsia
5A5A5A

Achromatomaly
6F524F

CSS Examples

Text

The CSS property to change the color of the text to Hex 93433B 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 #93433B looks like.

```
.text, #text, p{  
    color:#93433B  
}
```

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 #93433B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93433B
}
```

Border

The CSS property to change the border of an element to Hex 93433B is called "border". The border property can be set on classes, ids or directly on the HTML element.

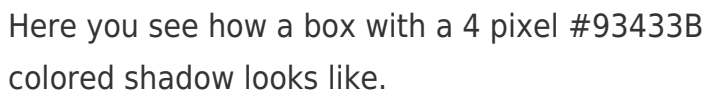
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#93433B }
```

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

```
.border{ border-color:#93433B }
```

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



Here you see how a box with a 4 pixel #93433B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93433B; -webkit-box-shadow:4px 4px  
4px 4px #93433B; box-shadow:4px 4px 4px  
4px #93433B }
```

Background

The CSS property to change the background color of an element to Hex 93433B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93433B }
```

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

```
.background{ background-color:#93433B }
```

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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