

Converting Colors

Hex(943731)

Have a look what the booklet for
Hex(943731) contains.

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Color

Hex(943731)

Conversions

Conversions Part 1

Format	Color
Hex	943731
RGB	148, 55, 49
RGB Percent	58%, 22%, 19%
CMY	0.4196, 0.7843, 0.8078
CMYK	0.00, 0.63, 0.67, 0.42
HSL	4°, 50%, 39%
HSV	4°, 67%, 58%
XYZ	14.1333, 9.2500, 3.9463
YIQ	82.1230, 57.3540, 17.8500

Conversions

Conversions Part 2

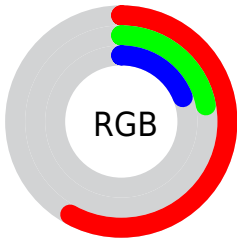
Format	Color
R_{YB}	148, 55, 49
Decimal	9713457
CIE Lab	36.46, 38.77, 24.26
CIE LCh	36, 45.735, 32.041
Yxy	9.2500, 0.5171, 0.3385
Android (android.graphics.Color)	4287903537 (0xFF943731)
YUV	82.1230, -16.3296, 57.7741
Hunter-Lab	30.4139, 29.7246, 13.5967

Details

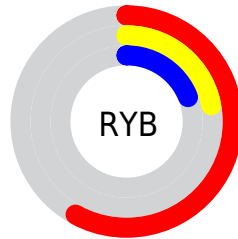
The Hex color **943731** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **318E94**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **CF6A5F**, and **5B0003** is the 20% darker color. If you saturate the color by 10%, you get **942922**, and if you desaturate by 10%, it is **944540**.

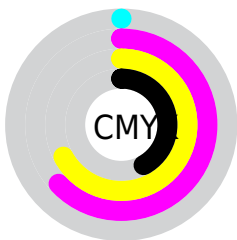
Distribution



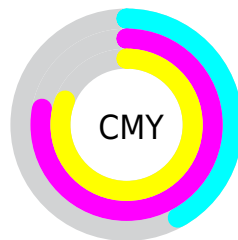
- Red (58%)
- Green (22%)
- Blue (19%)



- Red (58%)
- Yellow (22%)
- Blue (19%)



- Cyan (0%)
- Magenta (63%)
- Yellow (67%)
- Black (42%)



- Cyan (42%)
- Magenta (78%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 943731 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 943731 by changing the saturation by 10% instead.

 943731

 943731

FFFFFF

 771D1C

 CF6A5F

 5B0003

 ED8478

 3F0000

 FF9F92

 250001

 FFBBAD

 000000

 FFD7C8

 FFF4E4

 943731

 943731

 942922

 944540

■ 941B13

■ 94534F

■ 940D05

■ 94615D

■ 940900

■ 946F6C

■ 947D7B

■ 948A8A

■ 949899

■ 94A6A7

■ 94B4B6

Harmonies

Analogous

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



963055



943731



824711

Triad

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



943731



006431



0059A0

Complementary

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



943731



318E94

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.



006296



943731



006757

Square

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



943731



405F0E



00667C



584B94

Rectangle

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



943731



705100



00667C



005D9F

Sweetspot

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



943731



BF9B99



94318F



614B4A



E0E0E0



616161

Same Dimension

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



943731



BF3026



946731



4A4343



8A0800



0A0100

Inverse Universe

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



318E94



26B6BF



315E94



434A4A



00818A



000A0A

Previews

White Background



This preview shows how the Hex color 943731 looks on a white background.

Color Contrast Check

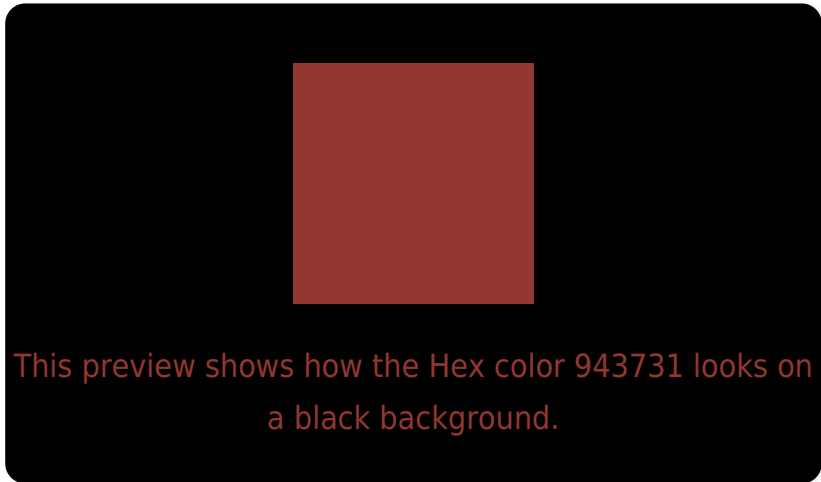
Large Text (above 18pt) WCAG AA ✓ Pass

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 943731 Background



This preview shows how black text looks on a background with the Hex color 943731.

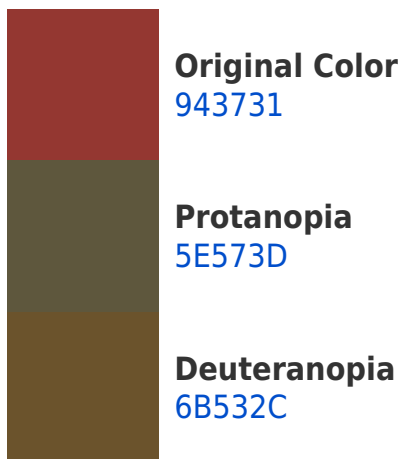



This preview shows how white text looks on a background with the Hex color 943731.

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
943639

Trichromacy



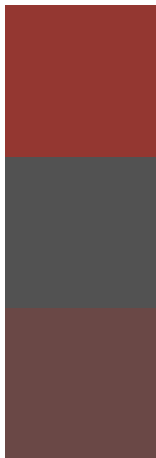
Original Color
943731

Protanomaly
724B39

Deuteranomaly
7A492E

Tritanomaly
943636

Monochromacy



Original Color
943731

Achromatopsia
525252

Achromatomaly
6A4846

CSS Examples

Text

The CSS property to change the color of the text to Hex 943731 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 #943731 looks like.

```
.text, #text, p{  
  color:#943731  
}
```

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 #943731 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #943731
}
```

Border

The CSS property to change the border of an element to Hex 943731 is called "border". The border property can be set on classes, ids or directly on the HTML element.

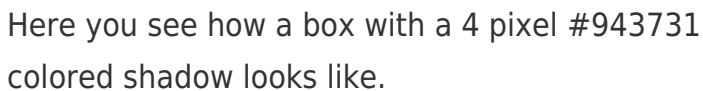
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#943731 }
```

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

```
.border{ border-color:#943731 }
```

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



Here you see how a box with a 4 pixel #943731 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #943731; -webkit-box-shadow:4px 4px  
4px 4px #943731; box-shadow:4px 4px 4px  
4px #943731 }
```

Background

The CSS property to change the background color of an element to Hex 943731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#943731 }
```

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

```
.background{ background-color:#943731 }
```

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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