

Converting Colors

Hex(943E30)

Have a look what the booklet for
Hex(943E30) contains.

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Color

Hex(943E30)

Conversions

Conversions Part 1

Format	Color
Hex	943E30
RGB	148, 62, 48
RGB Percent	58%, 24%, 19%
CMY	0.4196, 0.7569, 0.8118
CMYK	0.00, 0.58, 0.68, 0.42
HSL	8°, 51%, 38%
HSV	8°, 68%, 58%
XYZ	14.4689, 9.9545, 3.9551
YIQ	86.1180, 55.7500, 13.8780

Conversions

Conversions Part 2

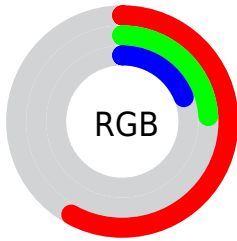
Format	Color
R_{YB}	148, 64, 48
Decimal	9715248
CIE _{Lab}	37.76, 35.25, 26.45
CIE _{LCh}	38, 44.070, 36.890
Yxy	9.9545, 0.5099, 0.3508
Android (android.graphics.Color)	4287905328 (0xFF943E30)
YUV	86.1180, -18.7922, 54.2705
Hunter-Lab	31.5508, 26.6442, 14.6531

Details

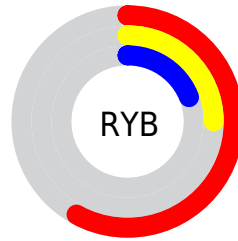
The Hex color **943E30** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **308694**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **CF705F**, and **5C0902** is the 20% darker color. If you saturate the color by 10%, you get **943121**, and if you desaturate by 10%, it is **944B3F**.

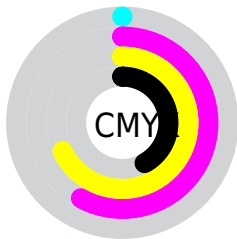
Distribution



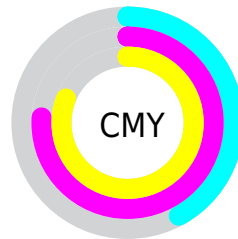
- Red (58%)
- Green (24%)
- Blue (19%)



- Red (58%)
- Yellow (25%)
- Blue (19%)



- Cyan (0%)
- Magenta (58%)
- Yellow (68%)
- Black (42%)



- Cyan (42%)
- Magenta (76%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 943E30 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 943E30 by changing the saturation by 10% instead.

 943E30

 943E30

FFFFFF

 77251B

 CF705F

 5C0902

 ED8B77

 400000

 FFA691

 270001

 FFC1AC

 000000

 FFDEC7

 FFFAE3

 943E30

 943E30

 943121

 944B3F

 942512

 94574E

 941804

 94645C

 941500

 94716B

 947E7A

 948A89

 949798

 94A4A6

 94B1B5

Harmonies

Analogous

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



993652



943E30



814D13

Triad

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



943E30



00683B



095AA0

Complementary

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



943E30



308694

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.



00649A



943E30



006A60

Square

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



943E30



3D631A



006983



654C92

Rectangle

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



943E30



6E5606



006983



005EA0

Sweetspot

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



943E30



BF9E99



943087



614D4A



E0E0E0



616161

Same Dimension

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



943E30



BF3A24



946F30



4A4443



8A1300



0A0100

Inverse Universe

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



308694



24AABF



305594



43494A



00768A



00090A

Previews

White Background



This preview shows how the Hex color 943E30 looks on a white background.

Color Contrast Check

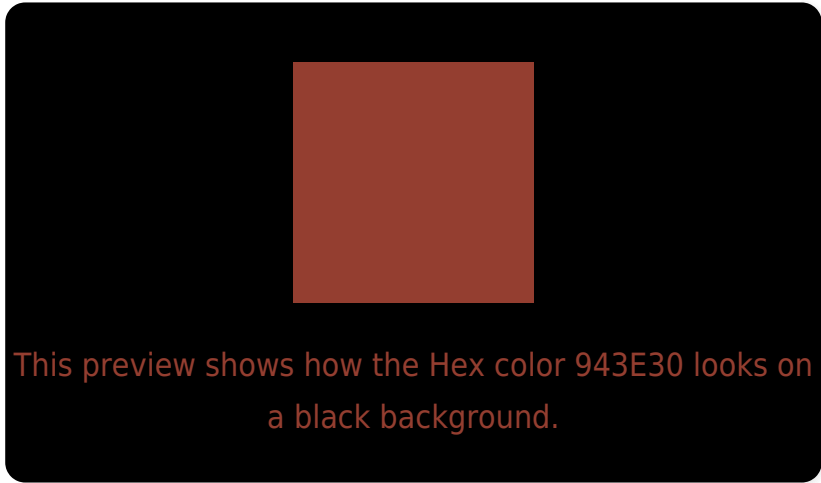
Large Text (above 18pt) WCAG AA ✓ Pass

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 943E30 Background



This preview shows how black text looks on a background with the Hex color 943E30.



This preview shows how white text looks on a background with the Hex color 943E30.

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
943E30

Protanopia
615A3A

Deuteranopia
6F552B



Tritanopia
953C40

Trichromacy



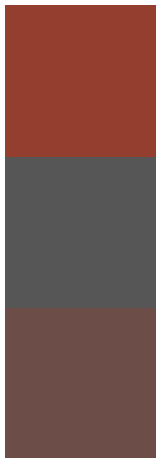
Original Color
943E30

Protanomaly
745036

Deuteranomaly
7C4D2D

Tritanomaly
953D3A

Monochromacy



Original Color
943E30

Achromatopsia
565656

Achromatomaly
6D4D48

CSS Examples

Text

The CSS property to change the color of the text to Hex 943E30 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 #943E30 looks like.

```
.text, #text, p{  
  color:#943E30  
}
```

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 #943E30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #943E30
}
```

Border

The CSS property to change the border of an element to Hex 943E30 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".

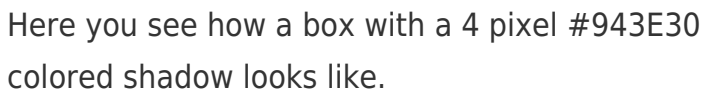
```
.border, #border, table{ border:4px solid
#943E30 }
```

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

```
.border{ border-color:#943E30 }
```

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

Here you see how a box with a 4 pixel #943E30 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #943E30 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #943E30; -webkit-box-shadow:4px 4px  
4px 4px #943E30; box-shadow:4px 4px 4px  
4px #943E30 }
```

Background

The CSS property to change the background color of an element to Hex 943E30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#943E30 }
```

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

```
.background{ background-color:#943E30 }
```

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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