

# Converting Colors

Hex(943C17)

Have a look what the booklet for  
Hex(943C17) contains.

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**Color**

**Hex(943C17)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	943C17
RGB	148, 60, 23
RGB Percent	58%, 24%, 9%
CMY	0.4196, 0.7647, 0.9098
CMYK	0.00, 0.59, 0.84, 0.42
HSL	18°, 73%, 34%
HSV	18°, 84%, 58%
XYZ	13.9833, 9.5895, 1.9246
YIQ	82.0940, 64.3250, 7.1490

# Conversions

## Conversions Part 2

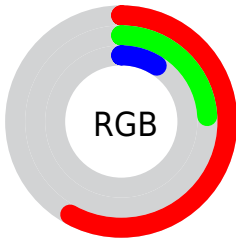
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 76, 23
Decimal	9714711
CIE <sub>Lab</sub>	37.10, 35.09, 39.45
CIE <sub>LCh</sub>	37, 52.797, 48.341
Yxy	9.5895, 0.5484, 0.3761
Android (android.graphics.Color)	4287904791 (0xFF943C17)
YUV	82.0940, -29.1333, 57.7996
Hunter-Lab	30.9669, 26.4105, 17.9920

# Details

The Hex color **943C17** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **176F94**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **D06E46**, and **5A0700** is the 20% darker color. If you saturate the color by 10%, you get **943208**, and if you desaturate by 10%, it is **944626**.

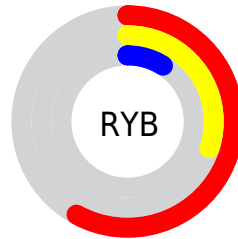
# Distribution



Red (58%)

Green (24%)

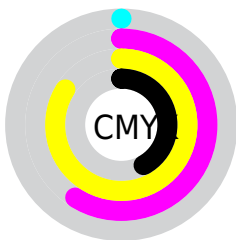
Blue (9%)



Red (58%)

Yellow (30%)

Blue (9%)

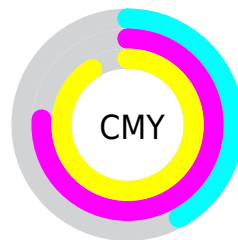


Cyan (0%)

Magenta (59%)

Yellow (84%)

Black (42%)



Cyan (42%)

Magenta (76%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 943C17 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 943C17 by changing the saturation by 10% instead.



 943C17

 943C17

FFFFFF

 772300

 D06E46

 5A0700

 EE885E

 3E0000

 FFA377

 240001

 FFBF91

 000000

 FFDBAC

 FFF8C8

 FFFFE4

 943C17

 943C17

■ 943208

■ 944626

■ 942C00

■ 945135

■ 945B43

■ 946652

■ 947061

■ 947B70

■ 94857F

■ 948F8D

■ 949A9C

# Harmonies

## Analogous

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



A2293F



943C17



784F00

# Triad

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



943C17



006945



2B53A9

# Complementary

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



943C17



176F94

# 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.



0061AB



943C17



006A71

# Square

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



943C17



166518



006896



793F90

# Rectangle

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



943C17



5F5900



006896



0059AC



# Sweetspot

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



943C17



BF9E8F



941771



614C44



E0E0E0



616161



# Same Dimension

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



943C17



BF3900



947917



4A4543



8A2900



0A0300



# Inverse Universe

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



176F94



0087BF



173294



43484A



00618A



00070A



# Previews

## White Background



This preview shows how the Hex color 943C17 looks on a white background.

## Color Contrast Check

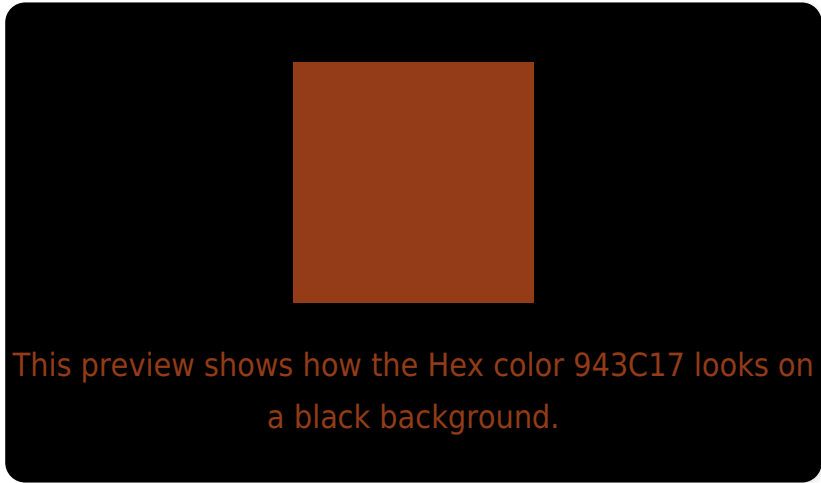
Large Text (above 18pt) WCAG AA ✓ Pass

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

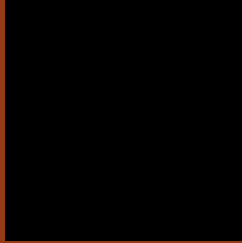
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 943C17 Background



This preview shows how black text looks on a background with the Hex color 943C17.



This preview shows how white text looks on a background with the Hex color 943C17.

# 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**  
943C17

**Protanopia**  
63581E

**Deuteranopia**  
6F540B



**Tritanopia**  
95383C

# Trichromacy



**Original Color**  
943C17

**Protanomaly**  
754E1B

**Deuteranomaly**  
7C4B0F

**Tritanomaly**  
95392F

# Monochromacy



**Original Color**  
943C17

**Achromatopsia**  
525252

**Achromatomaly**  
6A4A3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 943C17 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 #943C17 looks like.

```
.text, #text, p{  
    color:#943C17  
}
```

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 #943C17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #943C17
}
```

## Border

The CSS property to change the border of an element to Hex 943C17 is called "border". The border property can be set on classes, ids or directly on the HTML element.

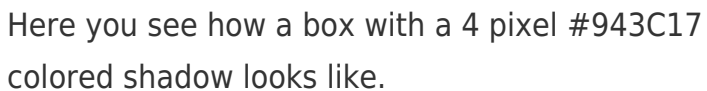
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#943C17 }
```

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

```
.border{ border-color:#943C17 }
```

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



Here you see how a box with a 4 pixel #943C17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #943C17; -webkit-box-shadow:4px 4px  
4px 4px #943C17; box-shadow:4px 4px 4px  
4px #943C17 }
```

# Background

The CSS property to change the background color of an element to Hex 943C17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#943C17 }
```

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

```
.background{ background-color:#943C17 }
```

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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