

Converting Colors

Hex(953C22)

Have a look what the booklet for
Hex(953C22) contains.

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Color

Hex(953C22)

Conversions

Conversions Part 1

Format	Color
Hex	953C22
RGB	149, 60, 34
RGB Percent	58%, 24%, 13%
CMY	0.4157, 0.7647, 0.8667
CMYK	0.00, 0.60, 0.77, 0.42
HSL	14°, 63%, 36%
HSV	14°, 77%, 58%
XYZ	14.2990, 9.7368, 2.6391
YIQ	83.6470, 61.3900, 10.7820

Conversions

Conversions Part 2

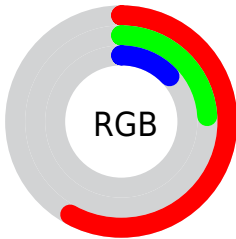
Format	Color
R_{YB}	149, 68, 34
Decimal	9780258
CIE _{Lab}	37.37, 35.90, 34.13
CIE _{LCh}	37, 49.534, 43.552
Yxy	9.7368, 0.5360, 0.3650
Android (android.graphics.Color)	4287970338 (0xFF953C22)
YUV	83.6470, -24.4760, 57.3146
Hunter-Lab	31.2038, 27.1903, 16.8281

Details

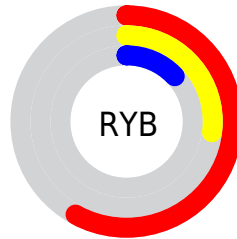
The Hex color **953C22** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **227B95**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **D06E50**, and **5C0600** is the 20% darker color. If you saturate the color by 10%, you get **953013**, and if you desaturate by 10%, it is **954831**.

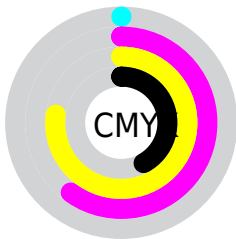
Distribution



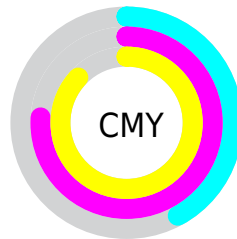
- Red (58%)
- Green (24%)
- Blue (13%)



- Red (58%)
- Yellow (27%)
- Blue (13%)



- Cyan (0%)
- Magenta (60%)
- Yellow (77%)
- Black (42%)



- Cyan (42%)
- Magenta (76%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 953C22 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 953C22 by changing the saturation by 10% instead.

 953C22

 953C22

FFFFFF

 78230C

 D06E50

 5C0600

 EF8969

 3F0000

 FFA482

 260001

 FFBF9C

 000000

 FFDBB7

 FFF8D3

 FFFFEF

 953C22

 953C22

■ 953013

■ 954831

■ 952504

■ 955340

■ 952200

■ 955F4F

■ 956A5E

■ 95766D

■ 95817B

■ 958D8A

■ 959899

■ 95A4A8

Harmonies

Analogous

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



9F2E48



953C22



7C4E00

Triad

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



953C22



006940



1B57A6

Complementary

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



953C22



227B95

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.



0063A5



953C22



006A6A

Square

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



953C22



2A6417



00698E



704592

Rectangle

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



953C22



665800



00698E



005BA8

Sweetspot

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



953C22



C29F95



95227C



614C46



E0E0E0



616161

Same Dimension

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



953C22



C2360E



957422



4A4443



8A1F00



0A0200

Inverse Universe

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



227B95



0E99C2



224395



43484A



006B8A



00080A

Previews

White Background



This preview shows how the Hex color 953C22 looks on a white background.

Color Contrast Check

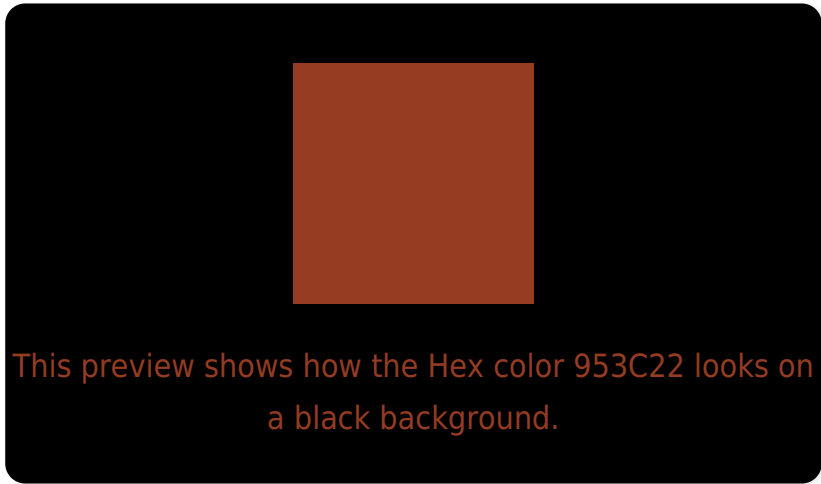
Large Text (above 18pt) WCAG AA ✓ Pass

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 953C22 Background



This preview shows how black text looks on a background with the Hex color 953C22.



This preview shows how white text looks on a background with the Hex color 953C22.

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
953C22

Protanopia
62592A

Deuteranopia
6F541B



Tritanopia
96393C

Trichromacy



Original Color
953C22

Protanomaly
754E27

Deuteranomaly
7D4B1E

Tritanomaly
963A33

Monochromacy



Original Color
953C22

Achromatopsia
545454

Achromatomaly
6C4B42

CSS Examples

Text

The CSS property to change the color of the text to Hex 953C22 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 #953C22 looks like.

```
.text, #text, p{  
    color:#953C22  
}
```

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 #953C22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #953C22 } }
```

Border

The CSS property to change the border of an element to Hex 953C22 is called "border". The border property can be set on classes, ids or directly on the HTML element.

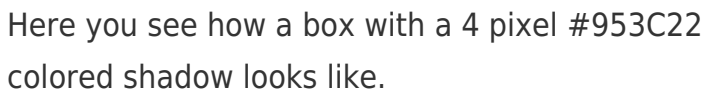
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #953C22 } }
```

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

```
.border{ border-color:#953C22 }
```

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



Here you see how a box with a 4 pixel #953C22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #953C22; -webkit-box-shadow:4px 4px  
4px 4px #953C22; box-shadow:4px 4px 4px  
4px #953C22 }
```

Background

The CSS property to change the background color of an element to Hex 953C22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#953C22 }
```

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

```
.background{ background-color:#953C22 }
```

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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