

# Converting Colors

Hex(91503A)

Have a look what the booklet for  
Hex(91503A) contains.

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**Color**

**Hex(91503A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	91503A
RGB	145, 80, 58
RGB Percent	57%, 31%, 23%
CMY	0.4314, 0.6863, 0.7725
CMYK	0.00, 0.45, 0.60, 0.43
HSL	15°, 43%, 40%
HSV	15°, 60%, 57%
XYZ	15.3094, 12.0626, 5.5244
YIQ	96.9270, 45.8020, 6.9380

# Conversions

## Conversions Part 2

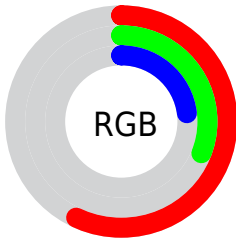
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 87, 58
Decimal	9523258
CIE Lab	41.32, 25.00, 24.78
CIE LCh	41, 35.198, 44.748
Yxy	12.0626, 0.4654, 0.3667
Android (android.graphics.Color)	4287713338 (0xFF91503A)
YUV	96.9270, -19.1910, 42.1600
Hunter-Lab	34.7312, 17.9029, 14.8811

# Details

The Hex color **91503A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3A7B91**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **CA826A**, and **5A210F** is the 20% darker color. If you saturate the color by 10%, you get **91452C**, and if you desaturate by 10%, it is **915B48**.

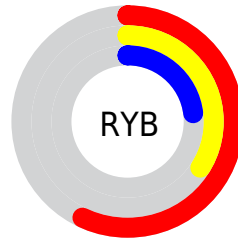
# Distribution



Red (57%)

Green (31%)

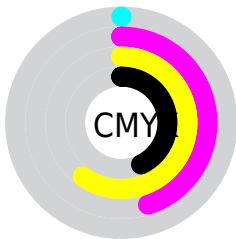
Blue (23%)



Red (57%)

Yellow (34%)

Blue (23%)

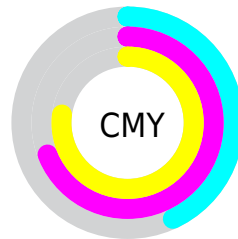


Cyan (0%)

Magenta (45%)

Yellow (60%)

Black (43%)



Cyan (43%)

Magenta (69%)


Yellow (77%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 91503A 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 91503A by changing the saturation by 10% instead.



 91503A

 91503A

FFFFFF

 753824

 CA826A

 5A210F

 E79D83

 400A00

 FFB89D


 290000


 FFD3B8


 000000


 FFF0D4

 FFFFF0

 91503A

 91503A

 91452C

 915B48

■ 913A1D

■ 916657

■ 912F0E

■ 917066

■ 912500

■ 917B74

■ 918683

■ 919191

■ 919C9F

■ 91A7AE

■ 91B1BC

# Harmonies

## Analogous

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



984954



91503A



7F5B29

# Triad

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



91503A



0E6F51



4A6099

# Complementary

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



91503A



3A7B91

# 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.



006999



91503A



00706F

# Square

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



91503A



446B37



006E89



76548B

# Rectangle

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



91503A



6E6125



006E89



36639B



# Sweetspot

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



91503A



BDA39B



913A7B



5E4F4A



DEDEDE



5E5E5E



# Same Dimension

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



91503A



BD5735



917B3A



474240



872200



080200



# Inverse Universe

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



3A7B91



359ABD



3A5091



404647



006587



000608



# Previews

## White Background



This preview shows how the Hex color 91503A looks on a white background.

## Color Contrast Check

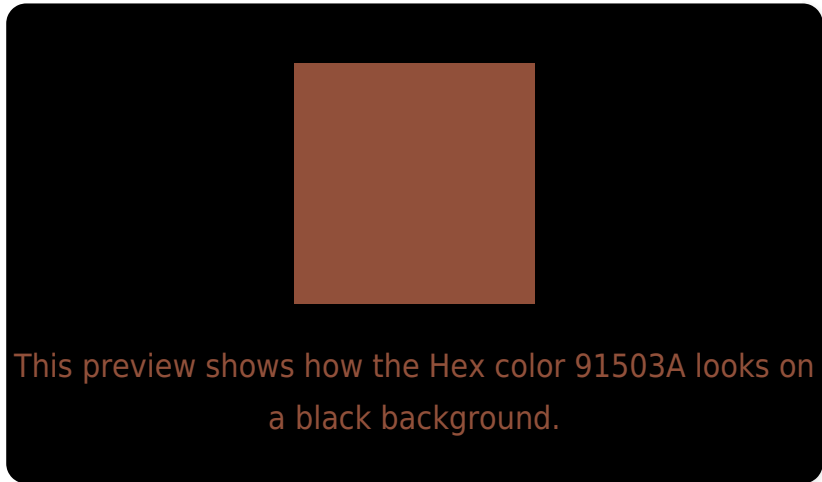
Large Text (above 18pt) WCAG AA ✓ Pass

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 91503A Background



This preview shows how black text looks on a background with the Hex color 91503A.



This preview shows how white text looks on a background with the Hex color 91503A.

# 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**  
91503A

**Protanopia**  
6A6241

**Deuteranopia**  
785D37



**Tritanopia**  
934D52

# Trichromacy



**Original Color**  
91503A

**Protanomaly**  
785B3E

**Deuteranomaly**  
815838

**Tritanomaly**  
924E49

# Monochromacy



**Original Color**  
91503A

**Achromatopsia**  
616161

**Achromatomaly**  
725B53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91503A 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 #91503A looks like.

```
.text, #text, p{  
    color:#91503A  
}
```

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 #91503A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91503A
}
```

## Border

The CSS property to change the border of an element to Hex 91503A is called "border". The border property can be set on classes, ids or directly on the HTML element.

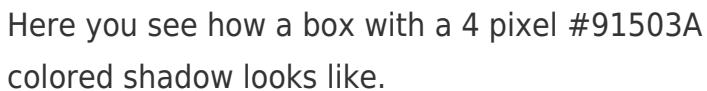
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#91503A }
```

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

```
.border{ border-color:#91503A }
```

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



Here you see how a box with a 4 pixel #91503A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91503A; -webkit-box-shadow:4px 4px  
4px 4px #91503A; box-shadow:4px 4px 4px  
4px #91503A }
```

# Background

The CSS property to change the background color of an element to Hex 91503A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91503A }
```

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

```
.background{ background-color:#91503A }
```

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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