

# Converting Colors

Hex(953E3D)

Have a look what the booklet for  
Hex(953E3D) contains.

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# Color

**Hex(953E3D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	953E3D
RGB	149, 62, 61
RGB Percent	58%, 24%, 24%
CMY	0.4157, 0.7569, 0.7608
CMYK	0.00, 0.58, 0.59, 0.42
HSL	1°, 42%, 41%
HSV	1°, 59%, 58%
XYZ	14.9594, 10.1717, 5.5898
YIQ	87.8990, 52.1730, 18.1330

# Conversions

## Conversions Part 2

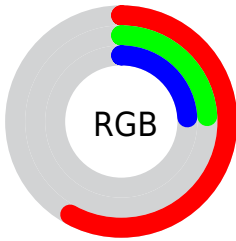
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 62, 61
Decimal	9780797
CIE Lab	38.15, 36.56, 19.03
CIE LCh	38, 41.213, 27.498
Yxy	10.1717, 0.4869, 0.3311
Android (android.graphics.Color)	4287970877 (0xFF953E3D)
YUV	87.8990, -13.2612, 53.5856
Hunter-Lab	31.8932, 27.9117, 11.9337

# Details

The Hex color **953E3D** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3D9495**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **CF716C**, and **5D0813** is the 20% darker color. If you saturate the color by 10%, you get **952F2E**, and if you desaturate by 10%, it is **954D4C**.

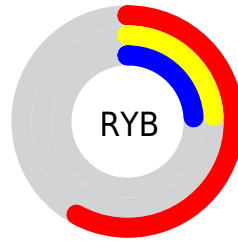
# Distribution



Red (58%)

Green (24%)

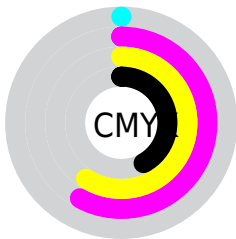
Blue (24%)



Red (58%)

Yellow (24%)

Blue (24%)

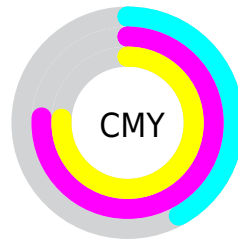


Cyan (0%)

Magenta (58%)

Yellow (59%)

Black (42%)



Cyan (42%)

Magenta (76%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 953E3D 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 953E3D by changing the saturation by 10% instead.



 953E3D

 953E3D

FFFFFF

 792527

 CF716C

 5D0813

 ED8B86

 420000

 FFA6A0

 290001

 FFC2BB

 000000

 FFDED7

 FFFBF3

 953E3D

 953E3D

 952F2E

 954D4C

 95211F

 955B5B

 951210

 956A6A

 950301

 957979

 950200

 958888

 959696

 95A5A5

 95B4B4

 95C3C3

# Harmonies

## Analogous

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



943B5E



953E3D



874A21

# Triad

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



953E3D



1D6734



005E9D

# Complementary

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



953E3D



3D9495

# 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.



006692



953E3D



006A56

# Square

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



953E3D



4D6119



006978



555295

# Rectangle

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



953E3D



775314



006978



00629B



# Sweetspot

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



953E3D



C29F9F



953D95



614C4C



E0E0E0



616161



# Same Dimension

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



953E3D



C23A38



95693D



4A4343



8A0200



0A0000



# Inverse Universe

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



3D9495



38C0C2



3D6995



434A4A



00888A

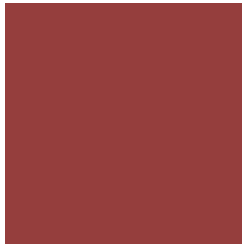


000A0A



# Previews

## White Background



This preview shows how the Hex color 953E3D looks on a white background.

## Color Contrast Check

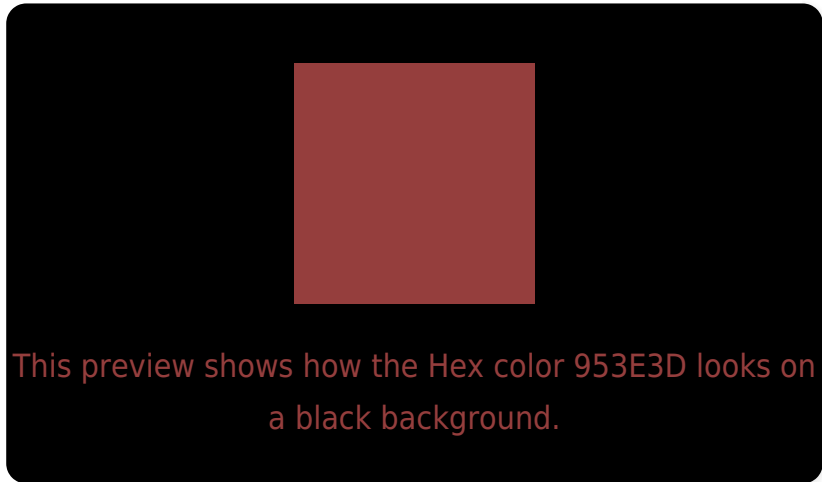
Large Text (above 18pt) WCAG AA ✓ Pass

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 953E3D Background



This preview shows how black text looks on a background with the Hex color 953E3D.

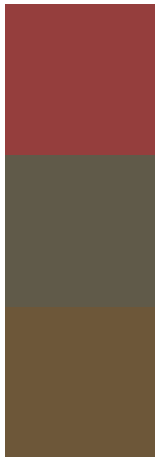


This preview shows how white text looks on a background with the Hex color 953E3D.

# 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**  
953E3D

**Protanopia**  
605A49

**Deuteranopia**  
6D5739



**Tritanopia**  
953D41

# Trichromacy



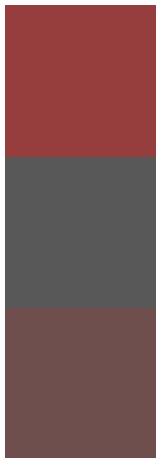
**Original Color**  
953E3D

**Protanomaly**  
735045

**Deuteranomaly**  
7C4E3A

**Tritanomaly**  
953D40

# Monochromacy



**Original Color**  
953E3D

**Achromatopsia**  
585858

**Achromatomaly**  
6E4F4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 953E3D 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 #953E3D looks like.

```
.text, #text, p{  
    color:#953E3D  
}
```

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 #953E3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #953E3D
}
```

## Border

The CSS property to change the border of an element to Hex 953E3D is called "border". The border property can be set on classes, ids or directly on the HTML element.

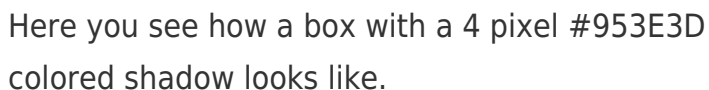
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#953E3D }
```

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

```
.border{ border-color:#953E3D }
```

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



Here you see how a box with a 4 pixel #953E3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #953E3D; -webkit-box-shadow:4px 4px  
4px 4px #953E3D; box-shadow:4px 4px 4px  
4px #953E3D }
```

# Background

The CSS property to change the background color of an element to Hex 953E3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#953E3D }
```

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

```
.background{ background-color:#953E3D }
```

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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