

Converting Colors

Hex(953D37)

Have a look what the booklet for
Hex(953D37) contains.

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Color

Hex(953D37)

Conversions

Conversions Part 1

Format	Color
Hex	953D37
RGB	149, 61, 55
RGB Percent	58%, 24%, 22%
CMY	0.4157, 0.7608, 0.7843
CMYK	0.00, 0.59, 0.63, 0.42
HSL	4°, 46%, 40%
HSV	4°, 63%, 58%
XYZ	14.7528, 10.0029, 4.7676
YIQ	86.6280, 54.3740, 16.7900

Conversions

Conversions Part 2

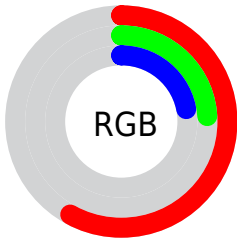
Format	Color
R_{YB}	149, 61, 55
Decimal	9780535
CIE _{Lab}	37.85, 36.61, 22.35
CIE _{LCh}	38, 42.889, 31.404
Yxy	10.0029, 0.4997, 0.3388
Android (android.graphics.Color)	4287970615 (0xFF953D37)
YUV	86.6280, -15.5926, 54.7002
Hunter-Lab	31.6273, 27.9145, 13.2015

Details

The Hex color **953D37** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **378F95**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **CF7066**, and **5D070C** is the 20% darker color. If you saturate the color by 10%, you get **952F28**, and if you desaturate by 10%, it is **954B46**.

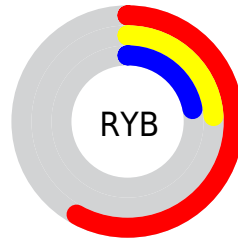
Distribution



Red (58%)

Green (24%)

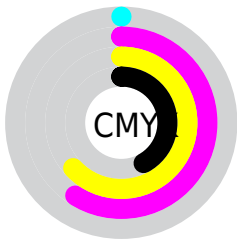
Blue (22%)



Red (58%)

Yellow (24%)

Blue (22%)

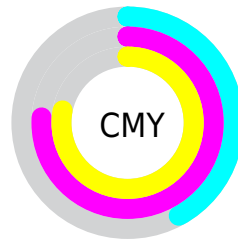


Cyan (0%)

Magenta (59%)

Yellow (63%)

Black (42%)



Cyan (42%)

Magenta (76%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 953D37 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 953D37 by changing the saturation by 10% instead.

 953D37

 953D37

FFFFFF

 792421

 CF7066

 5D070C

 ED8A7F

 410000

 FFA599

 280001

 FFC1B4

 000000

 FFDDCF

 FFFAEC

 953D37

 953D37

 952F28

 954B46

 952119

 955955

 95130A

 956764

 950A00

 957573

 958382

 959190

 959F9F

 95ADAE

 95BBBD

Harmonies

Analogous

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



963759



953D37



844B1A

Triad

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



953D37



066736



005D9F

Complementary

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



953D37



378F95

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.



006596



953D37



00695A

Square

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



953D37



466118



00697C



5B4F95

Rectangle

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



953D37



73540C



00697C



00609E

Sweetspot

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



953D37



C29F9D



953790



614C4B



E0E0E0



616161

Same Dimension

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



953D37



C2382F



956B37



4A4343



8A0900



0A0100

Inverse Universe

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



378F95



2FB8C2



376195



43494A



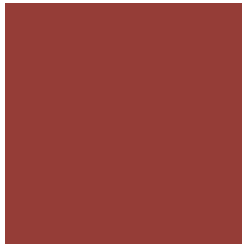
00818A



000A0A

Previews

White Background



This preview shows how the Hex color 953D37 looks on a white background.

Color Contrast Check

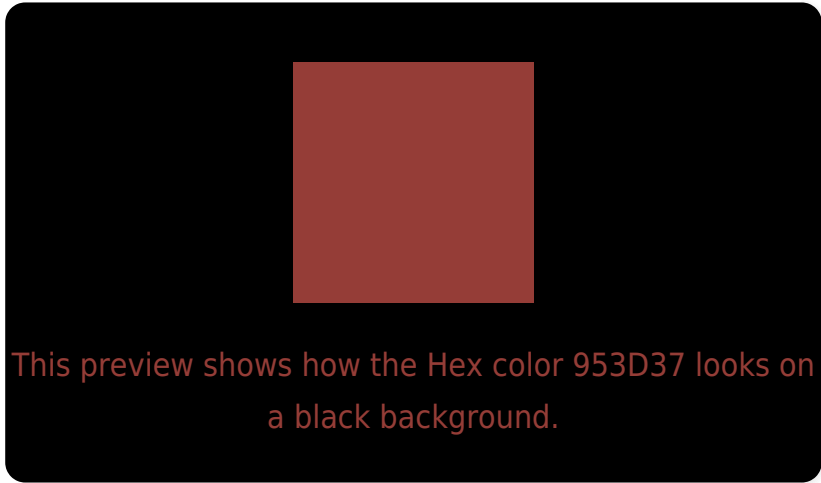
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 953D37 Background



This preview shows how black text looks on a background with the Hex color 953D37.

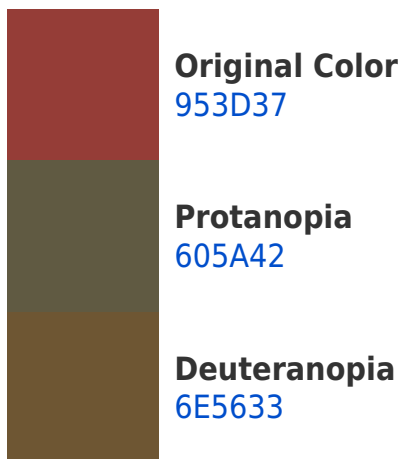


This preview shows how white text looks on a background with the Hex color 953D37.

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





Tritanopia
953C40

Trichromacy



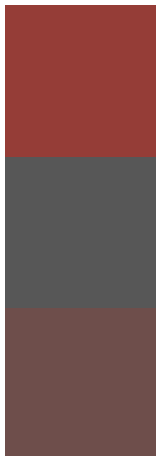
Original Color
953D37

Protanomaly
734F3E

Deuteranomaly
7C4D34

Tritanomaly
953C3D

Monochromacy



Original Color
953D37

Achromatopsia
575757

Achromatomaly
6E4E4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 953D37 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 #953D37 looks like.

```
.text, #text, p{  
  color:#953D37  
}
```

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 #953D37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #953D37
}
```

Border

The CSS property to change the border of an element to Hex 953D37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

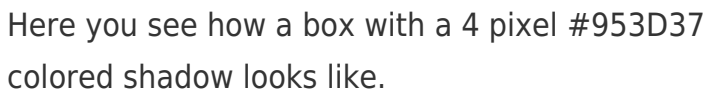
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#953D37 }
```

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

```
.border{ border-color:#953D37 }
```

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



Here you see how a box with a 4 pixel #953D37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #953D37; -webkit-box-shadow:4px 4px  
4px 4px #953D37; box-shadow:4px 4px 4px  
4px #953D37 }
```

Background

The CSS property to change the background color of an element to Hex 953D37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#953D37 }
```

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

```
.background{ background-color:#953D37 }
```

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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