

# Converting Colors

Hex(955A37)

Have a look what the booklet for  
Hex(955A37) contains.

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**Color**

**Hex(955A37)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	955A37
RGB	149, 90, 55
RGB Percent	58%, 35%, 22%
CMY	0.4157, 0.6471, 0.7843
CMYK	0.00, 0.40, 0.63, 0.42
HSL	22°, 46%, 40%
HSV	22°, 63%, 58%
XYZ	16.7402, 13.9777, 5.4301
YIQ	103.6510, 46.3990, 1.6230

# Conversions

## Conversions Part 2

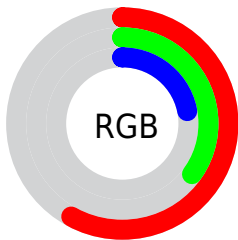
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 111, 55
Decimal	9787959
CIELab	44.20, 20.78, 30.18
CIElCh	44, 36.642, 55.445
Yxy	13.9777, 0.4631, 0.3867
Android (android.graphics.Color)	4287978039 (0xFF955A37)
YUV	103.6510, -23.9849, 39.7711
Hunter-Lab	37.3868, 14.4976, 17.5594

# Details

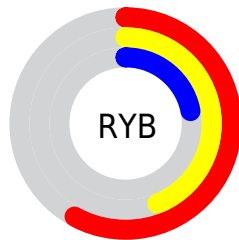
The Hex color **955A37** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **377295**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **CE8D67**, and **5E2B0A** is the 20% darker color. If you saturate the color by 10%, you get **955128**, and if you desaturate by 10%, it is **956346**.

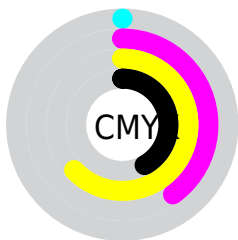
# Distribution



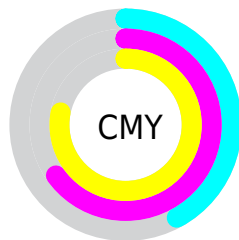
- Red (58%)
- Green (35%)
- Blue (22%)



- Red (58%)
- Yellow (44%)
- Blue (22%)



- Cyan (0%)
- Magenta (40%)
- Yellow (63%)
- Black (42%)



- Cyan (42%)
- Magenta (65%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 955A37 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 955A37 by changing the saturation by 10% instead.





955A37



955A37

FFFFFF



794221



CE8D67



5E2B0A



ECA780



441600



FFC29A



2B0000



FFDEB5



000000



FFFBD1



FFFFED



955A37



955A37



955128



956346

■ 954719

■ 956D55

■ 953E0A

■ 957664

■ 953700

■ 957F73

■ 958982

■ 959290

■ 959B9F

■ 95A5AE

■ 95AEBD

# Harmonies

## Analogous

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



A15150



955A37



7E652A

# Triad

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



955A37



007863



6362A0

# Complementary

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



955A37



377295

# 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.



1F6DA5



955A37



007882

# Square

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



955A37



3B7545



00749A



8A568B

# Rectangle

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



955A37



6B6C2B



00749A



5266A3



# Sweetspot

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



955A37



C2AB9D



953773



61534B



E0E0E0



616161



# Same Dimension

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



955A37



C2652F



958837



4A4543



8A3300



0A0400



# Inverse Universe

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



377295



2F8BC2



374495



43474A



00568A



00060A



# Previews

## White Background



This preview shows how the Hex color 955A37 looks on a white background.

## Color Contrast Check

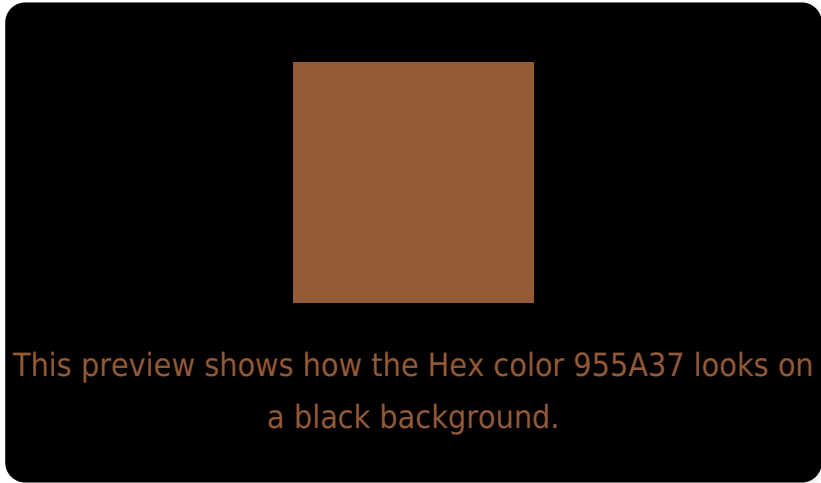
Large Text (above 18pt) WCAG AA ✓ Pass

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

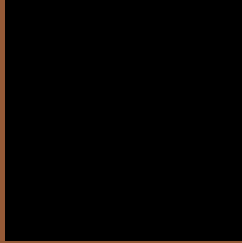
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 955A37 Background



This preview shows how black text looks on a background with the Hex color 955A37.



This preview shows how white text looks on a background with the Hex color 955A37.

# 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**  
955A37

**Protanopia**  
73693C

**Deuteranopia**  
816435



**Tritanopia**  
97565C

# Trichromacy



**Original Color**  
955A37

**Protanomaly**  
7F643A

**Deuteranomaly**  
886036

**Tritanomaly**  
96574F

# Monochromacy



**Original Color**  
955A37

**Achromatopsia**  
686868

**Achromatomaly**  
786356

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 955A37 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 #955A37 looks like.

```
.text, #text, p{  
    color:#955A37  
}
```

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 #955A37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #955A37
}
```

## Border

The CSS property to change the border of an element to Hex 955A37 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".

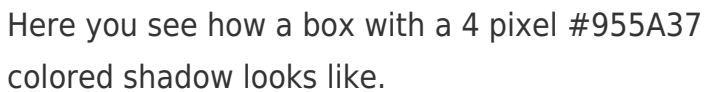
```
.border, #border, table{ border:4px solid
#955A37 }
```

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

```
.border{ border-color:#955A37 }
```

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

Here you see how a box with a 4 pixel #955A37 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #955A37; -webkit-box-shadow:4px 4px  
4px 4px #955A37; box-shadow:4px 4px 4px  
4px #955A37 }
```

# Background

The CSS property to change the background color of an element to Hex 955A37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#955A37 }
```

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

```
.background{ background-color:#955A37 }
```

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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