

Converting Colors

Hex(944337)

Have a look what the booklet for
Hex(944337) contains.

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Color

Hex(944337)

Conversions

Conversions Part 1

Format	Color
Hex	944337
RGB	148, 67, 55
RGB Percent	58%, 26%, 22%
CMY	0.4196, 0.7373, 0.7843
CMYK	0.00, 0.55, 0.63, 0.42
HSL	8°, 46%, 40%
HSV	8°, 63%, 58%
XYZ	14.9095, 10.5860, 4.8719
YIQ	89.8510, 52.1280, 13.4400

Conversions

Conversions Part 2

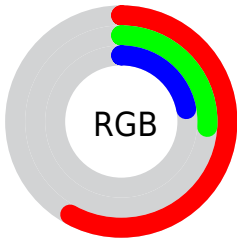
Format	Color
R_{YB}	148, 69, 55
Decimal	9716535
CIE _{Lab}	38.87, 33.13, 23.61
CIE _{LCh}	39, 40.680, 35.473
Yxy	10.5860, 0.4910, 0.3486
Android (android.graphics.Color)	4287906615 (0xFF944337)
YUV	89.8510, -17.1815, 50.9967
Hunter-Lab	32.5362, 24.8580, 13.8973

Details

The Hex color **944337** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **378894**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **CE7566**, and **5C110C** is the 20% darker color. If you saturate the color by 10%, you get **943628**, and if you desaturate by 10%, it is **945046**.

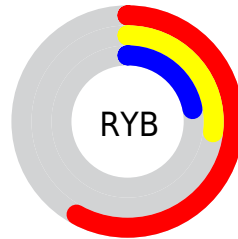
Distribution



Red (58%)

Green (26%)

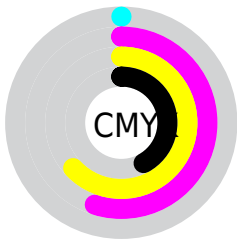
Blue (22%)



Red (58%)

Yellow (27%)

Blue (22%)

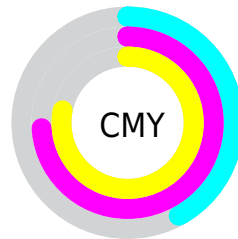


Cyan (0%)

Magenta (55%)

Yellow (63%)

Black (42%)



Cyan (42%)

Magenta (74%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 944337 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 944337 by changing the saturation by 10% instead.

 944337

 944337

FFFFFF

 782B21

 CE7566

 5C110C

 EC907F

 410000

 FFAB99

 290001

 FFC6B4

 000000

 FFE3D0

 FFFFEC

 944337

 944337

 943628

 945046

■ 942919

■ 945D55

■ 941C0B

■ 946A63

■ 941300

■ 947772

■ 948381

■ 949090

■ 949D9F

■ 94AAAD

■ 94B7BC

Harmonies

Analogous

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



973D57



944337



83501E

Triad

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



944337



046A3F



1D5D9D

Complementary

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



944337



378894

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.



006697



944337



006B61

Square

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



944337



456422



006B81



655092

Rectangle

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



944337



715814



006B81



00619D

Sweetspot

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



944337



BFA09B



943789



614D4B



E0E0E0



616161

Same Dimension

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



944337



BF4230



947037



4A4443



8A1200



0A0100

Inverse Universe

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



378894



30ADBF



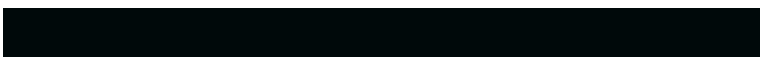
375B94



43494A



00788A



00090A

Previews

White Background



This preview shows how the Hex color 944337 looks on a white background.

Color Contrast Check

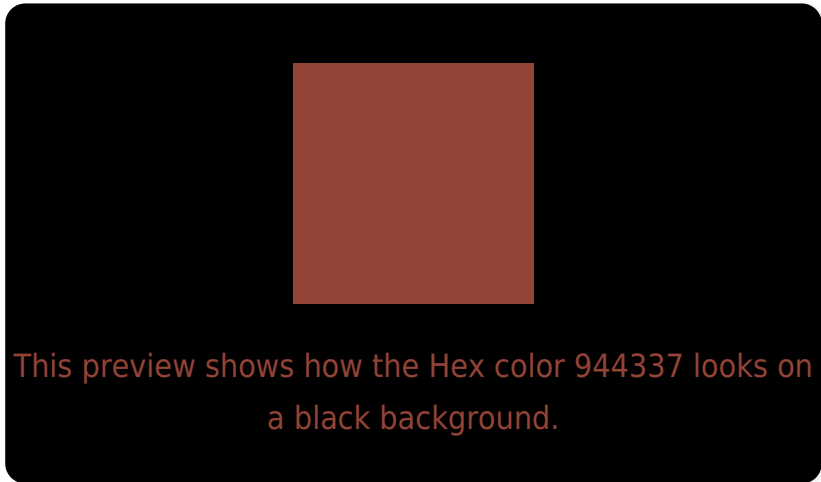
Large Text (above 18pt) WCAG AA ✓ Pass

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 944337 Background



This preview shows how black text looks on a background with the Hex color 944337.

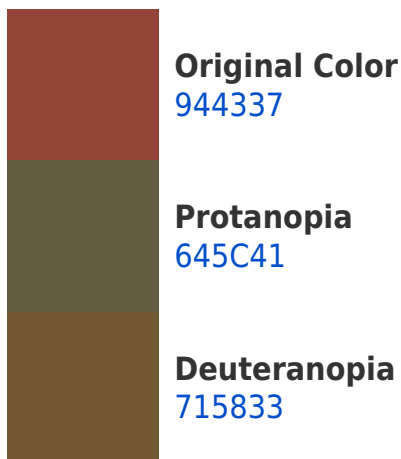



This preview shows how white text looks on a background with the Hex color 944337.

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
954145

Trichromacy



Original Color
944337

Protanomaly
75533D

Deuteranomaly
7E5034

Tritanomaly
954240

Monochromacy



Original Color
944337

Achromatopsia
5A5A5A

Achromatomaly
6F524D

CSS Examples

Text

The CSS property to change the color of the text to Hex 944337 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 #944337 looks like.

```
.text, #text, p{  
    color:#944337  
}
```

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 #944337 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #944337
}
```

Border

The CSS property to change the border of an element to Hex 944337 is called "border". The border property can be set on classes, ids or directly on the HTML element.

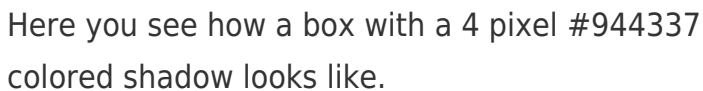
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#944337 }
```

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

```
.border{ border-color:#944337 }
```

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



Here you see how a box with a 4 pixel #944337 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #944337; -webkit-box-shadow:4px 4px  
4px 4px #944337; box-shadow:4px 4px 4px  
4px #944337 }
```

Background

The CSS property to change the background color of an element to Hex 944337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#944337 }
```

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

```
.background{ background-color:#944337 }
```

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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