

Converting Colors

Hex(9E4137)

Have a look what the booklet for
Hex(9E4137) contains.

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Color

Hex(9E4137)

Conversions

Conversions Part 1

Format	Color
Hex	9E4137
RGB	158, 65, 55
RGB Percent	62%, 25%, 22%
CMY	0.3804, 0.7451, 0.7843
CMYK	0.00, 0.59, 0.65, 0.38
HSL	6°, 48%, 42%
HSV	6°, 65%, 62%
XYZ	16.6804, 11.3255, 4.9213
YIQ	91.6670, 58.6380, 16.6060

Conversions

Conversions Part 2

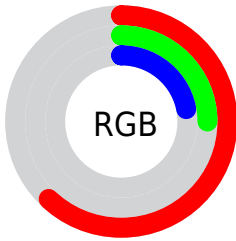
Format	Color
R_{YB}	158, 66, 55
Decimal	10371383
CIE Lab	40.12, 38.03, 25.52
CIE LCh	40, 45.796, 33.869
Yxy	11.3255, 0.5066, 0.3440
Android (android.graphics.Color)	4288561463 (0xFF9E4137)
YUV	91.6670, -18.0768, 58.1740
Hunter-Lab	33.6534, 29.5807, 14.8871

Details

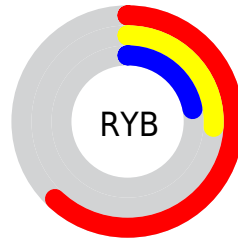
The Hex color **9E4137** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **37949E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **D97466**, and **650B0C** is the 20% darker color. If you saturate the color by 10%, you get **9E3327**, and if you desaturate by 10%, it is **9E4F47**.

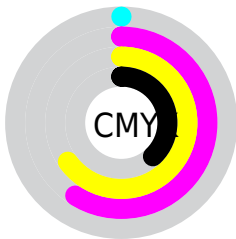
Distribution



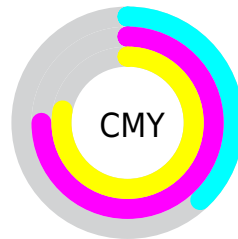
- Red (62%)
- Green (25%)
- Blue (22%)



- Red (62%)
- Yellow (26%)
- Blue (22%)



- Cyan (0%)
- Magenta (59%)
- Yellow (65%)
- Black (38%)



- Cyan (38%)
- Magenta (75%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E4137 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 9E4137 by changing the saturation by 10% instead.

 9E4137

 9E4137

FFFFFF

 812821

 D97466

 650B0C

 F78F7F

 490000

 FFAA99

 310002

 FFC6B4

 000000

 FFE2D0

 FFFFEC

 9E4137

 9E4137

 9E3327

 9E4F47

 9E2417

 9E5E57

 9E1608

 9E6C66

 9E0F00

 9E7A76

 9E8886

 9E9796

 9EA5A6

 9EB3B5

 9EC1C5

Harmonies

Analogous

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



A13A5B



9E4137



8B5018

Triad

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



9E4137



006E3C



0061A9

Complementary

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



9E4137



37949E

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.



006BA1



9E4137



007062

Square

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



9E4137



46681A



006F87



65529D

Rectangle

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



9E4137



785A09



006F87



0065A9

Sweetspot

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



9E4137



CFA9A5



9E3795



69524F



E8E8E8



696969

Same Dimension

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



9E4137



CF3D2D



9E7337



4F4847



8F0E00



0F0100

Inverse Universe

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



37949E



2DBFCF



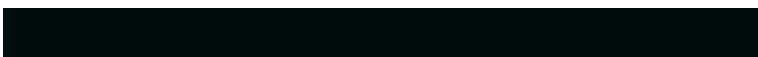
37629E



474E4F



00818F



000E0F

Previews

White Background



This preview shows how the Hex color 9E4137 looks on a white background.

Color Contrast Check

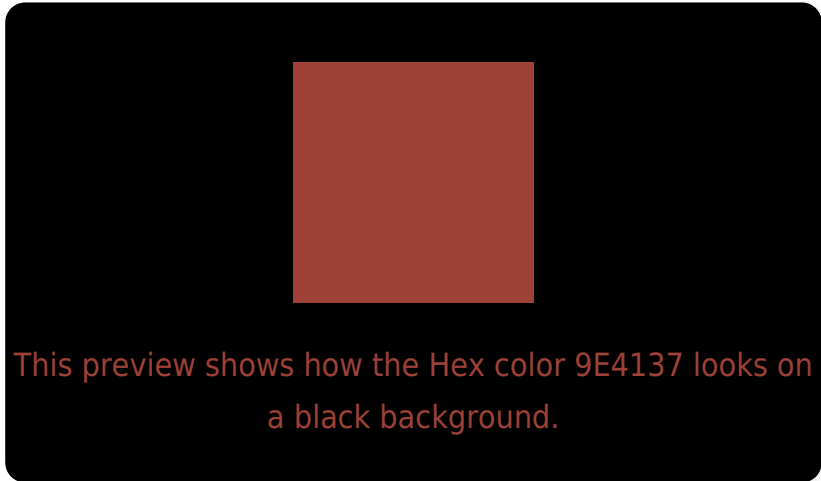
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E4137 Background



This preview shows how black text looks on a background with the Hex color 9E4137.

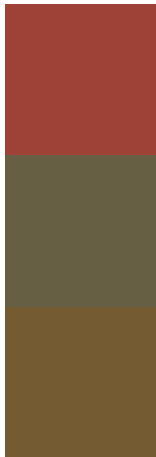


This preview shows how white text looks on a background with the Hex color 9E4137.

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
9E4137

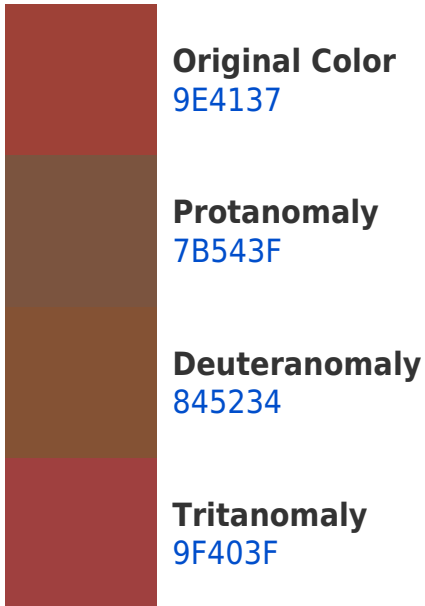
Protanopia
675F43

Deuteranopia
755B32

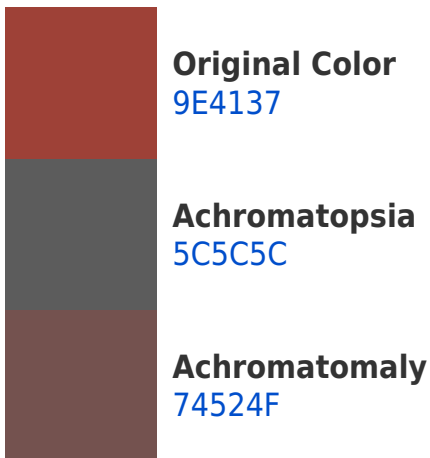


Tritanopia
9F3F43

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9E4137 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 #9E4137 looks like.

```
.text, #text, p{  
    color:#9E4137  
}
```

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 #9E4137 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E4137
}
```

Border

The CSS property to change the border of an element to Hex 9E4137 is called "border". The border property can be set on classes, ids or directly on the HTML element.

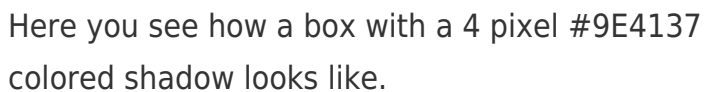
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E4137 }
```

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

```
.border{ border-color:#9E4137 }
```

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



Here you see how a box with a 4 pixel #9E4137 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E4137; -webkit-box-shadow:4px 4px  
4px 4px #9E4137; box-shadow:4px 4px 4px  
4px #9E4137 }
```

Background

The CSS property to change the background color of an element to Hex 9E4137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E4137 }
```

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

```
.background{ background-color:#9E4137 }
```

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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