

Converting Colors

Hex(9D3E31)

Have a look what the booklet for
Hex(9D3E31) contains.

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Color

Hex(9D3E31)

Conversions

Conversions Part 1

Format	Color
Hex	9D3E31
RGB	157, 62, 49
RGB Percent	62%, 24%, 19%
CMY	0.3843, 0.7569, 0.8078
CMYK	0.00, 0.61, 0.69, 0.38
HSL	7°, 52%, 40%
HSV	7°, 69%, 62%
XYZ	16.1816, 10.8351, 4.1442
YIQ	88.9230, 60.7930, 16.0970

Conversions

Conversions Part 2

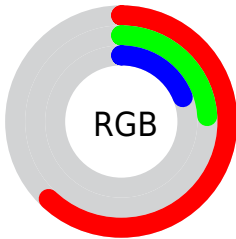
Format	Color
R_{YB}	157, 64, 49
Decimal	10305073
CIE Lab	39.30, 38.75, 28.07
CIE LCh	39, 47.849, 35.920
Yxy	10.8351, 0.5193, 0.3477
Android (android.graphics.Color)	4288495153 (0xFF9D3E31)
YUV	88.9230, -19.6820, 59.7035
Hunter-Lab	32.9167, 30.1451, 15.5770

Details

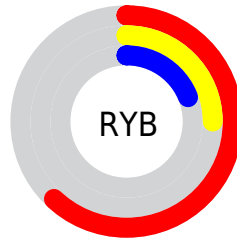
The Hex color **9D3E31** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **31909D**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **D87160**, and **640603** is the 20% darker color. If you saturate the color by 10%, you get **9D3021**, and if you desaturate by 10%, it is **9D4C41**.

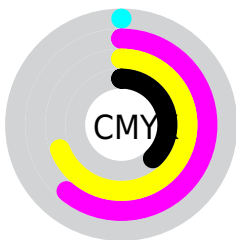
Distribution



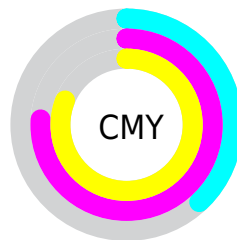
- Red (62%)
- Green (24%)
- Blue (19%)



- Red (62%)
- Yellow (25%)
- Blue (19%)



- Cyan (0%)
- Magenta (61%)
- Yellow (69%)
- Black (38%)



- Cyan (38%)
- Magenta (76%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D3E31 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 9D3E31 by changing the saturation by 10% instead.

 9D3E31

 9D3E31

FFFFFF

 80241C

 D87160

 640603

 F78C79

 470000

 FFA792

 2F0002

 FFC3AD

 000000

 FFDFC8

 FFFCE5

 9D3E31

 9D3E31

 9D3021

 9D4C41

 9D2212

 9D5A50

 9D1502

 9D6760

 9D1300

 9D7570

 9D8380

 9D918F

 9D9F9F

 9DACAF

 9DBABE

Harmonies

Analogous

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



A23556



9D3E31



884F10

Triad

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



9D3E31



006C3B



005FAA

Complementary

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



9D3E31



31909D

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.



0069A4



9D3E31



006F63

Square

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



9D3E31



3F6716



006E89



674F9C

Rectangle

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



9D3E31



745900



006E89



0063AB

Sweetspot

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



9D3E31



CCA6A1



9D3190



66504D



E6E6E6



666666

Same Dimension

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



9D3E31



CC3723



9D7431



4F4847



8F1100



0F0200

Inverse Universe

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



31909D



23B8CC



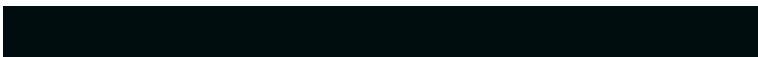
315A9D



474E4F



007E8F



000D0F

Previews

White Background



This preview shows how the Hex color 9D3E31 looks on a white background.

Color Contrast Check

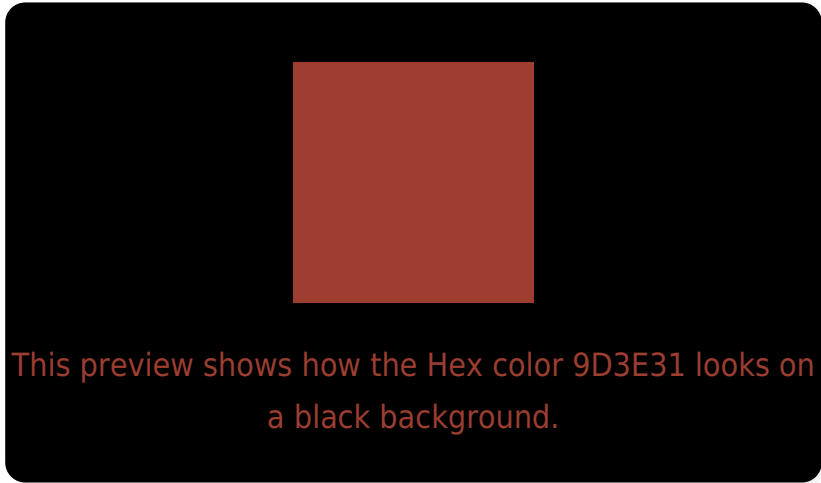
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D3E31 Background



This preview shows how black text looks on a background with the Hex color 9D3E31.



This preview shows how white text looks on a background with the Hex color 9D3E31.

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
9E3C40

Trichromacy



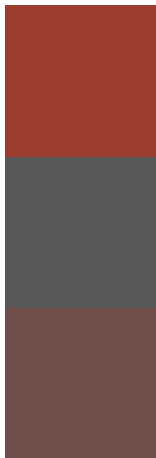
Original Color
9D3E31

Protanomaly
7A5238

Deuteranomaly
824F2E

Tritanomaly
9E3D3B

Monochromacy



Original Color
9D3E31

Achromatopsia
595959

Achromatomaly
724F4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D3E31 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 #9D3E31 looks like.

```
.text, #text, p{  
    color:#9D3E31  
}
```

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 #9D3E31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D3E31
}
```

Border

The CSS property to change the border of an element to Hex 9D3E31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

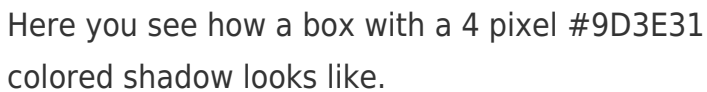
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D3E31 }
```

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

```
.border{ border-color:#9D3E31 }
```

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



Here you see how a box with a 4 pixel #9D3E31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D3E31; -webkit-box-shadow:4px 4px  
4px 4px #9D3E31; box-shadow:4px 4px 4px  
4px #9D3E31 }
```

Background

The CSS property to change the background color of an element to Hex 9D3E31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D3E31 }
```

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

```
.background{ background-color:#9D3E31 }
```

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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