

Converting Colors

Hex(9D3A1B)

Have a look what the booklet for
Hex(9D3A1B) contains.

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Color

Hex(9D3A1B)

Conversions

Conversions Part 1

Format	Color
Hex	9D3A1B
RGB	157, 58, 27
RGB Percent	62%, 23%, 11%
CMY	0.3843, 0.7725, 0.8941
CMYK	0.00, 0.63, 0.83, 0.38
HSL	14°, 71%, 36%
HSV	14°, 83%, 62%
XYZ	15.6155, 10.2733, 2.1968
YIQ	84.0670, 68.9550, 11.3470

Conversions

Conversions Part 2

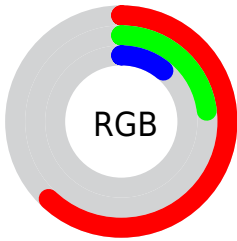
Format	Color
RYB	157, 68, 27
Decimal	10304027
CIELab	38.33, 39.67, 39.22
CIElCh	38, 55.789, 44.673
Yxy	10.2733, 0.5560, 0.3658
Android (android.graphics.Color)	4288494107 (0xFF9D3A1B)
YUV	84.0670, -28.1340, 63.9622
Hunter-Lab	32.0521, 30.8727, 18.3727

Details

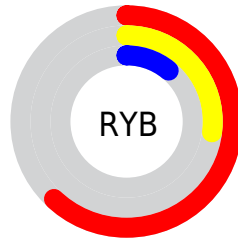
The Hex color **9D3A1B** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1B7E9D**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **DA6D49**, and **620000** is the 20% darker color. If you saturate the color by 10%, you get **9D2E0B**, and if you desaturate by 10%, it is **9D462B**.

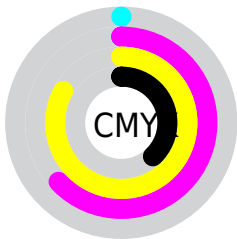
Distribution



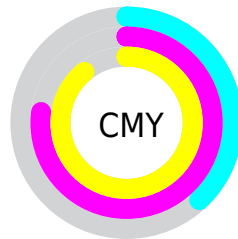
- Red (62%)
- Green (23%)
- Blue (11%)



- Red (62%)
- Yellow (27%)
- Blue (11%)



- Cyan (0%)
- Magenta (63%)
- Yellow (83%)
- Black (38%)



- Cyan (38%)
- Magenta (77%)
- Yellow (89%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D3A1B 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 9D3A1B by changing the saturation by 10% instead.

 9D3A1B

 9D3A1B

FFFFFF

 7F2003

 DA6D49

 620000

 F88862

 450000

 FFA37B

 2C0001

 FFBE95

 000000

 FFDBB0

 FFF8CC

 FFFFE8

 9D3A1B

 9D3A1B

 9D2E0B

 9D462B

 9D2500

 9D523A

 9D5E4A

 9D6A5A

 9D766A

 9D8279

 9D8E89

 9D9A99

 9DA6A8

Harmonies

Analogous

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



A92646



9D3A1B



815000

Triad

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



9D3A1B



006D41



0358B3

Complementary

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



9D3A1B



1B7E9D

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.



0066B2



9D3A1B



006E70

Square

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



9D3A1B



1F680F



006D99



77439B

Rectangle

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



9D3A1B



675B00



006D99



005EB5

Sweetspot

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



9D3A1B



CCA599



9D1B7F



664F47



E6E6E6



666666

Same Dimension

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



9D3A1B



CC3202



9D7A1B



4F4947



8F2200



0F0400

Inverse Universe

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



1B7E9D



029CCC



1B3E9D



474D4F



006D8F



000C0F

Previews

White Background



This preview shows how the Hex color 9D3A1B looks on a white background.

Color Contrast Check

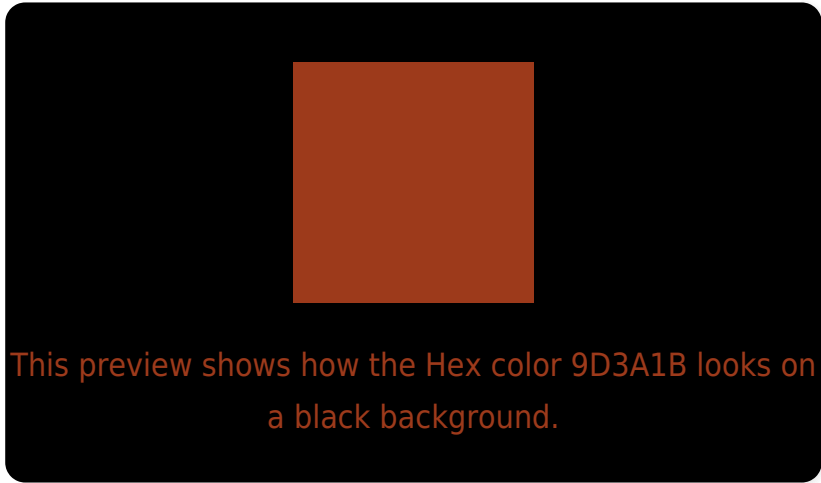
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D3A1B Background



This preview shows how black text looks on a background with the Hex color 9D3A1B.



This preview shows how white text looks on a background with the Hex color 9D3A1B.

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
9D3A1B

Protanopia
665B24

Deuteranopia
735610



Tritanopia
9E373A

Trichromacy



Original Color
9D3A1B

Protanomaly
7A4F21

Deuteranomaly
824C14

Tritanomaly
9E382F

Monochromacy



Original Color
9D3A1B

Achromatopsia
545454

Achromatomaly
6F4B3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D3A1B 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 #9D3A1B looks like.

```
.text, #text, p{  
    color:#9D3A1B  
}
```

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 #9D3A1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D3A1B
}
```

Border

The CSS property to change the border of an element to Hex 9D3A1B 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
#9D3A1B }
```

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

```
.border{ border-color:#9D3A1B }
```

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

Here you see how a box with a 4 pixel #9D3A1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D3A1B; -webkit-box-shadow:4px 4px  
4px 4px #9D3A1B; box-shadow:4px 4px 4px  
4px #9D3A1B }
```

Background

The CSS property to change the background color of an element to Hex 9D3A1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D3A1B }
```

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

```
.background{ background-color:#9D3A1B }
```

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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