

Converting Colors

Hex(9D4003)

Have a look what the booklet for
Hex(9D4003) contains.

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Color

Hex(9D4003)

Conversions

Conversions Part 1

Format	Color
Hex	9D4003
RGB	157, 64, 3
RGB Percent	62%, 25%, 1%
CMY	0.3843, 0.7490, 0.9882
CMYK	0.00, 0.59, 0.98, 0.38
HSL	24°, 96%, 31%
HSV	24°, 98%, 62%
XYZ	15.7545, 10.8415, 1.3484
YIQ	84.8530, 75.0090, 0.7450

Conversions

Conversions Part 2

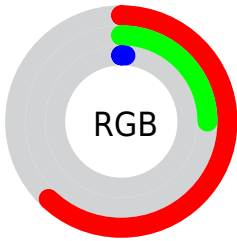
Format	Color
RYB	157, 104, 3
Decimal	10305539
CIELab	39.31, 36.24, 49.09
CIELCh	39, 61.023, 53.564
Yxy	10.8415, 0.5638, 0.3880
Android (android.graphics.Color)	4288495619 (0xFF9D4003)
YUV	84.8530, -40.3535, 63.2729
Hunter-Lab	32.9264, 27.7867, 20.6204

Details

The Hex color **9D4003** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **03609D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **DA7338**, and **620C00** is the 20% darker color. If you saturate the color by 10%, you get **9D3E00**, and if you desaturate by 10%, it is **9D4913**.

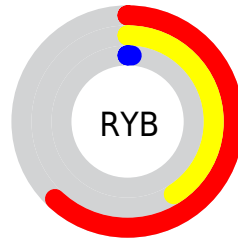
Distribution



Red (62%)

Green (25%)

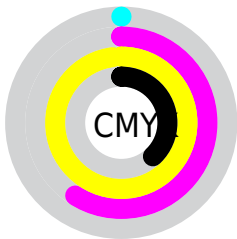
Blue (1%)



Red (62%)

Yellow (41%)

Blue (1%)

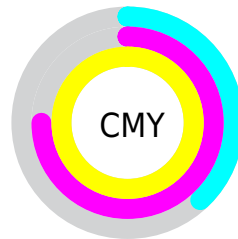


Cyan (0%)

Magenta (59%)

Yellow (98%)

Black (38%)



Cyan (38%)

Magenta (75%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D4003 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 9D4003 by changing the saturation by 10% instead.

 9D4003

 9D4003

 FFFFF3

 7F2700

 DA7338

 620C00

 F98D51

 450000

 FFA86A

 2D0001

 FFC484

 000000

 FFE09F

 FFFDBA

 FFFFD7

 9D4003

 9D4003

■ 9D3E00

■ 9D4913

■ 9D5322

■ 9D5C32

■ 9D6642

■ 9D6F52

■ 9D7961

■ 9D8271

■ 9D8C81

■ 9D9590

Harmonies

Analogous

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



B12438



9D4003



7A5700

Triad

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



9D4003



007150



3C54B9

Complementary

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



9D4003



03609D

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.



0066C0



9D4003



007283

Square

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



9D4003



006E1A



006FAC



8C3998

Rectangle

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



9D4003



5C6100



006FAC



005BBE

Sweetspot

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



9D4003



CCA891



9D0362



665042



E6E6E6



666666

Same Dimension

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



9D4003



CC5100



9D8B03



4F4A47



8F3900



0F0600

Inverse Universe

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



03609D



007BCC



03159D



474C4F



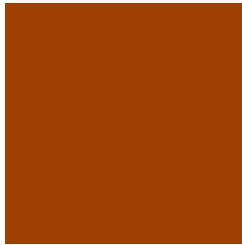
00568F



00090F

Previews

White Background



This preview shows how the Hex color 9D4003 looks on a white background.

Color Contrast Check

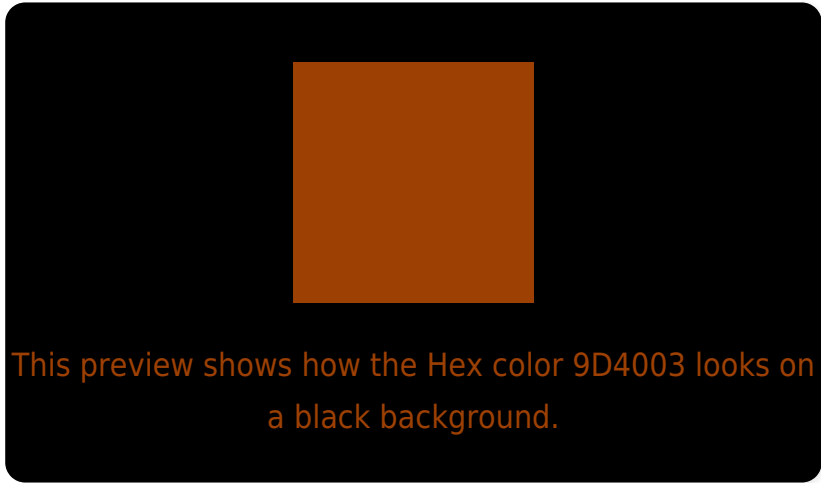
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D4003 Background



This preview shows how black text looks on a background with the Hex color 9D4003.



This preview shows how white text looks on a background with the Hex color 9D4003.

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
9D4003

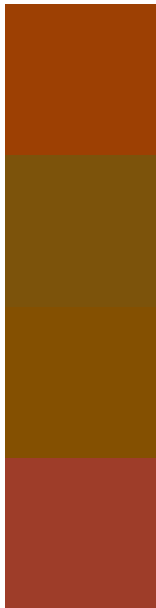
Protanopia
695E10

Deuteranopia
765900



Tritanopia
9F3C3F

Trichromacy



Original Color
9D4003

Protanomaly
7C530B

Deuteranomaly
845001

Tritanomaly
9E3D29

Monochromacy



Original Color
9D4003

Achromatopsia
555555

Achromatomaly
6F4D37

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D4003 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 #9D4003 looks like.

```
.text, #text, p{  
    color:#9D4003  
}
```

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 #9D4003 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D4003
}
```

Border

The CSS property to change the border of an element to Hex 9D4003 is called "border". The border property can be set on classes, ids or directly on the HTML element.

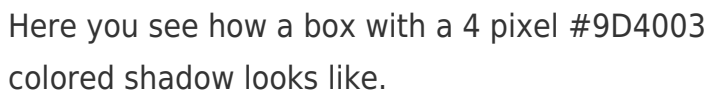
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D4003 }
```

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

```
.border{ border-color:#9D4003 }
```

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



Here you see how a box with a 4 pixel #9D4003 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D4003; -webkit-box-shadow:4px 4px  
4px 4px #9D4003; box-shadow:4px 4px 4px  
4px #9D4003 }
```

Background

The CSS property to change the background color of an element to Hex 9D4003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D4003 }
```

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

```
.background{ background-color:#9D4003 }
```

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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