

Converting Colors

Hex(9E4402)

Have a look what the booklet for
Hex(9E4402) contains.

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Color

Hex(9E4402)

Conversions

Conversions Part 1

Format	Color
Hex	9E4402
RGB	158, 68, 2
RGB Percent	62%, 27%, 1%
CMY	0.3804, 0.7333, 0.9922
CMYK	0.00, 0.57, 0.99, 0.38
HSL	25°, 98%, 31%
HSV	25°, 99%, 62%
XYZ	16.1786, 11.4077, 1.4066
YIQ	87.3860, 74.8260, -1.4460

Conversions

Conversions Part 2

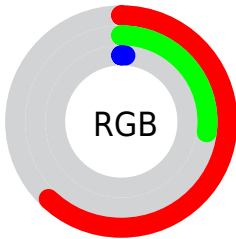
Format	Color
R _Y B	158, 116, 2
Decimal	10372098
CIE Lab	40.26, 34.61, 50.07
CIE LCh	40, 60.865, 55.350
Yxy	11.4077, 0.5580, 0.3935
Android (android.graphics.Color)	4288562178 (0xFF9E4402)
YUV	87.3860, -42.0953, 61.9285
Hunter-Lab	33.7753, 26.3960, 21.1735

Details

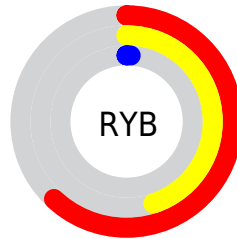
The Hex color **9E4402** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **025C9E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **DB7638**, and **631200** is the 20% darker color. If you saturate the color by 10%, you get **9E4300**, and if you desaturate by 10%, it is **9E4D12**.

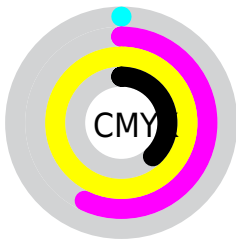
Distribution



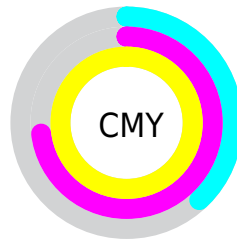
- Red (62%)
- Green (27%)
- Blue (1%)



- Red (62%)
- Yellow (45%)
- Blue (1%)



- Cyan (0%)
- Magenta (57%)
- Yellow (99%)
- Black (38%)



- Cyan (38%)
- Magenta (73%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E4402 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 9E4402 by changing the saturation by 10% instead.

 9E4402

 9E4402

 FFFFF4

 802B00

 DB7638

 631200

 FA9151

 460000

 FFAC6B

 2E0001

 FFC885

 000000

 FFE49F

 FFFFBB

 FFFFD7

 9E4402

 9E4402

■ 9E4300

■ 9E4D12

■ 9E5622

■ 9E5F31

■ 9E6841

■ 9E7251

■ 9E7B61

■ 9E8471

■ 9E8D80

■ 9E9690

Harmonies

Analogous

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



B32938



9E4402



7A5A00

Triad

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



9E4402



007455



4755BA

Complementary

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



9E4402



025C9E

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.



0068C3



9E4402



007488

Square

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



9E4402



007020



0071B1



923A98

Rectangle

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



9E4402



5C6500



0071B1



005CC0

Sweetspot

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



9E4402



CFAB91



9E025D



695343



E8E8E8



696969

Same Dimension

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



9E4402



CF5700



9E9102



4F4A47



8F3C00



0F0600

Inverse Universe

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



025C9E



0077CF



020F9E



474C4F



00528F



00090F

Previews

White Background



This preview shows how the Hex color 9E4402 looks on a white background.

Color Contrast Check

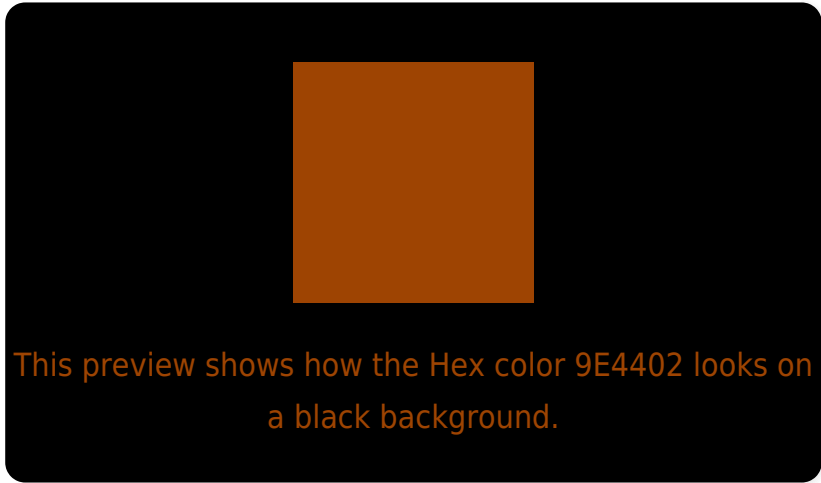
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E4402 Background



This preview shows how black text looks on a background with the Hex color 9E4402.



This preview shows how white text looks on a background with the Hex color 9E4402.

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
9E4402

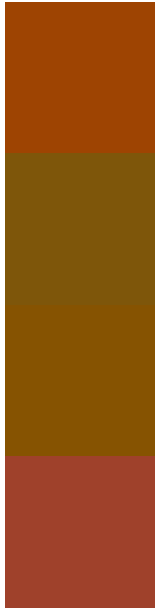
Protanopia
6C600F

Deuteranopia
795B00



Tritanopia
A03F43

Trichromacy



Original Color
9E4402

Protanomaly
7E560A

Deuteranomaly
865301

Tritanomaly
9F412B

Monochromacy



Original Color
9E4402

Achromatopsia
575757

Achromatomaly
715038

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E4402 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 #9E4402 looks like.

```
.text, #text, p{  
    color:#9E4402  
}
```

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 #9E4402 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E4402
}
```

Border

The CSS property to change the border of an element to Hex 9E4402 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
#9E4402 }
```

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

```
.border{ border-color:#9E4402 }
```

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

Here you see how a box with a 4 pixel #9E4402 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E4402; -webkit-box-shadow:4px 4px  
4px 4px #9E4402; box-shadow:4px 4px 4px  
4px #9E4402 }
```

Background

The CSS property to change the background color of an element to Hex 9E4402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E4402 }
```

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

```
.background{ background-color:#9E4402 }
```

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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