

Converting Colors

Hex(9A4202)

Have a look what the booklet for
Hex(9A4202) contains.

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Color

Hex(9A4202)

Conversions

Conversions Part 1

Format	Color
Hex	9A4202
RGB	154, 66, 2
RGB Percent	60%, 26%, 1%
CMY	0.3961, 0.7412, 0.9922
CMYK	0.00, 0.57, 0.99, 0.40
HSL	25°, 97%, 31%
HSV	25°, 99%, 60%
XYZ	15.2856, 10.7708, 1.3308
YIQ	85.0160, 72.9920, -1.2480

Conversions

Conversions Part 2

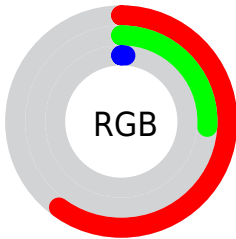
Format	Color
RYB	154, 113, 2
Decimal	10109442
CIELab	39.19, 34.01, 49.09
CIElCh	39, 59.719, 55.285
Yxy	10.7708, 0.5581, 0.3933
Android (android.graphics.Color)	4288299522 (0xFF9A4202)
YUV	85.0160, -40.9269, 60.4990
Hunter-Lab	32.8190, 25.7041, 20.5691

Details

The Hex color **9A4202** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **025A9A**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **D77438**, and **5F1000** is the 20% darker color. If you saturate the color by 10%, you get **9A4100**, and if you desaturate by 10%, it is **9A4B11**.

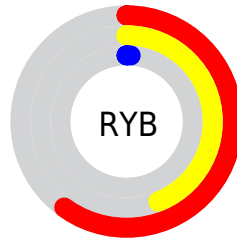
Distribution



Red (60%)

Green (26%)

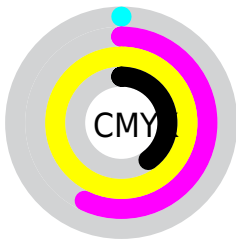
Blue (1%)



Red (60%)

Yellow (44%)

Blue (1%)

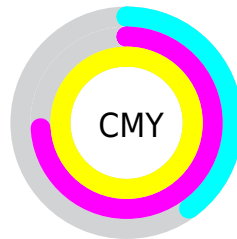


Cyan (0%)

Magenta (57%)

Yellow (99%)

Black (40%)



Cyan (40%)

Magenta (74%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A4202 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 9A4202 by changing the saturation by 10% instead.

 9A4202

 9A4202

 FFFFF3

 7D2A00

 D77438

 5F1000

 F68E50

 430000

 FFA96A

 2B0001

 FFC584

 000000

 FFE19F

 FFFEBA

 FFFFD6

 9A4202

 9A4202

■ 9A4100

■ 9A4B11

■ 9A5421

■ 9A5D30

■ 9A6640

■ 9A6F4F

■ 9A775E

■ 9A806E

■ 9A897D

■ 9A928D

Harmonies

Analogous

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



AE2736



9A4202



775800

Triad

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



9A4202



007153



4553B5

Complementary

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



9A4202



025A9A

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.



0065BE



9A4202



007185

Square

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



9A4202



006D1F



006EAC



8E3894

Rectangle

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



9A4202



5A6200



006EAC



005ABB

Sweetspot

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



9A4202



C9A68D



9A025B



665141



E6E6E6



666666

Same Dimension

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



9A4202



C95500



9A8D02



4D4845



8C3B00



0D0500

Inverse Universe

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



025A9A



0075C9



020F9A



45494D



00518C



00070D

Previews

White Background



This preview shows how the Hex color 9A4202 looks on a white background.

Color Contrast Check

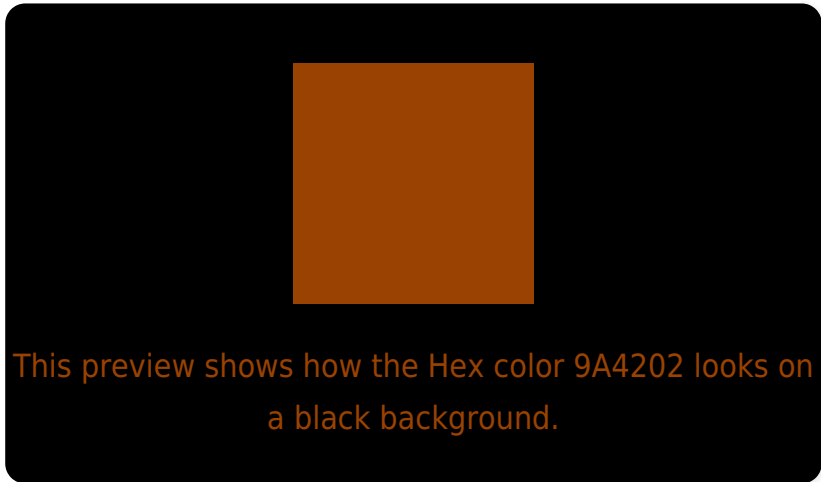
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A4202 Background



This preview shows how black text looks on a background with the Hex color 9A4202.



This preview shows how white text looks on a background with the Hex color 9A4202.

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
9A4202

Protanopia
695D0F

Tritanopia
9C3D41

Trichromacy



Original Color
9A4202

Protanomaly
7B530A

Tritanomaly
9B3F2A

Monochromacy



Original Color
9A4202

Achromatopsia
555555

Achromatomaly
6E4E37

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A4202 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 #9A4202 looks like.

```
.text, #text, p{  
    color:#9A4202  
}
```

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 #9A4202 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A4202
}
```

Border

The CSS property to change the border of an element to Hex 9A4202 is called "border". The border property can be set on classes, ids or directly on the HTML element.

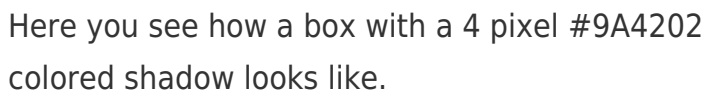
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A4202 }
```

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

```
.border{ border-color:#9A4202 }
```

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



Here you see how a box with a 4 pixel #9A4202 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A4202; -webkit-box-shadow:4px 4px  
4px 4px #9A4202; box-shadow:4px 4px 4px  
4px #9A4202 }
```

Background

The CSS property to change the background color of an element to Hex 9A4202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A4202 }
```

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

```
.background{ background-color:#9A4202 }
```

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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