

Converting Colors

Hex(9A5100)

Have a look what the booklet for
Hex(9A5100) contains.

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Color

Hex(9A5100)

Conversions

Conversions Part 1

Format	Color
Hex	9A5100
RGB	154, 81, 0
RGB Percent	60%, 32%, 0%
CMY	0.3961, 0.6824, 1.0000
CMYK	0.00, 0.47, 1.00, 0.40
HSL	32°, 100%, 30%
HSV	32°, 100%, 60%
XYZ	16.2689, 12.7549, 1.6045
YIQ	93.5930, 69.5090, -9.7150

Conversions

Conversions Part 2

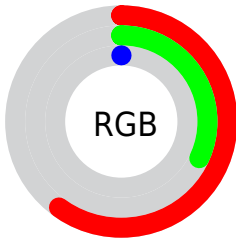
Format	Color
RYB	139, 154, 0
Decimal	10113280
CIELab	42.39, 25.93, 51.64
CIELCh	42, 57.785, 63.341
Yxy	12.7549, 0.5312, 0.4164
Android (android.graphics.Color)	4288303360 (0xFF9A5100)
YUV	93.5930, -46.1413, 52.9769
Hunter-Lab	35.7140, 18.8130, 22.3361

Details

The Hex color **9A5100** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **00499A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **D68339**, and **602200** is the 20% darker color. If you saturate the color by 10%, you get **9A5100**, and if you desaturate by 10%, it is **9A580F**.

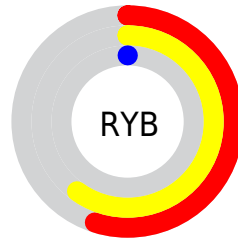
Distribution



Red (60%)

Green (32%)

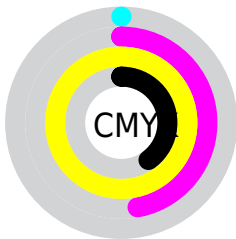
Blue (0%)



Red (55%)

Yellow (60%)

Blue (0%)

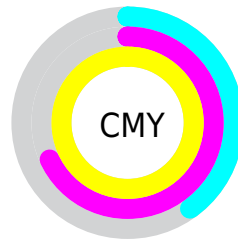


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (68%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A5100 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 9A5100 by changing the saturation by 10% instead.

 9A5100

 9A5100

 FFFFF6

 7D3900

 D68339

 602200

 F59D52

 440B00

 FFB96C

 2B0000

 FFD486

 000000

 FFF1A1

 FFFFBD

 FFFF99

 9A5100

 9A580F

 9A601F

 9A672E

 9A6E3E

 9A764D

 9A7D5C

 9A846C

 9A8B7B

 9A938B

Harmonies

Analogous

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



B23A32



9A5100



746400

Triad

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



9A5100



007968



6955B4

Complementary

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



9A5100



00499A

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.



0068C4



9A5100



007997

Square

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



9A5100



007636



0074B9



A03C90

Rectangle

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



9A5100



556D00



0074B9



495CBC

Sweetspot

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



9A5100



C9AD8D



9A004A



665541



E6E6E6



666666

Same Dimension

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



9A5100



C96A00



979A00



4D4945



8C4A00



0D0700

Inverse Universe

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



00499A



005FC9



03009A



45484D



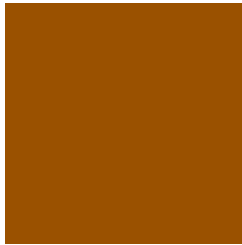
00428C



00060D

Previews

White Background



This preview shows how the Hex color 9A5100 looks on a white background.

Color Contrast Check

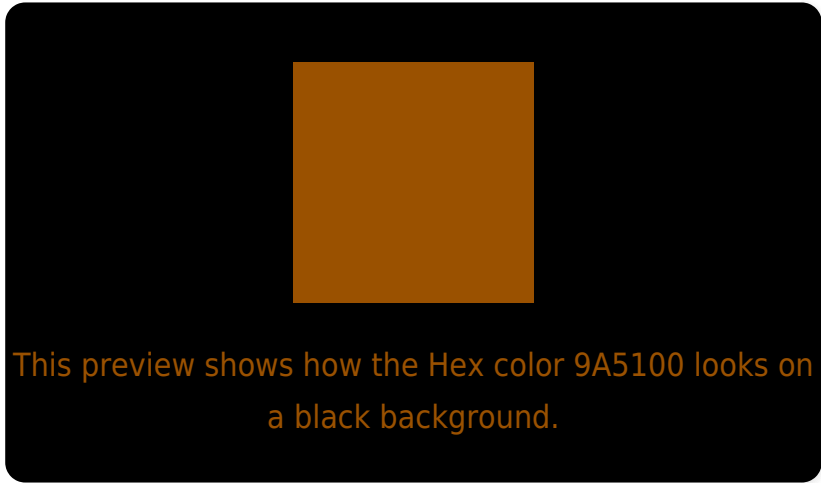
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A5100 Background



This preview shows how black text looks on a background with the Hex color 9A5100.



This preview shows how white text looks on a background with the Hex color 9A5100.

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
9A5100

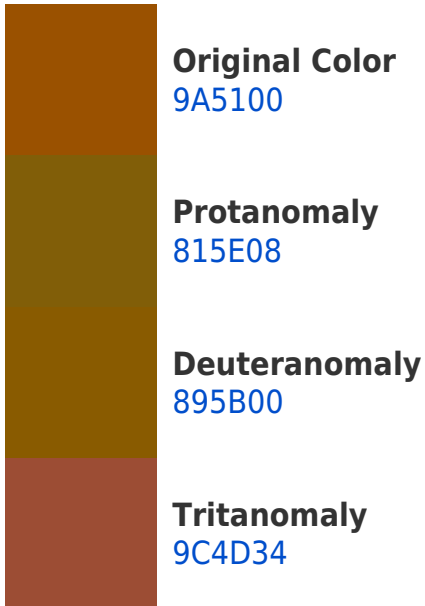
Protanopia
72650D

Deuteranopia
7F6000



Tritanopia
9D4B51

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A5100 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 #9A5100 looks like.

```
.text, #text, p{  
    color:#9A5100  
}
```

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 #9A5100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A5100
}
```

Border

The CSS property to change the border of an element to Hex 9A5100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

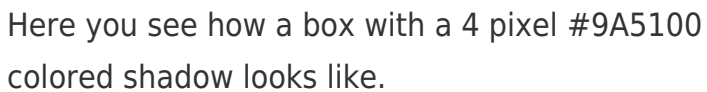
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A5100 }
```

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

```
.border{ border-color:#9A5100 }
```

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



Here you see how a box with a 4 pixel #9A5100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A5100; -webkit-box-shadow:4px 4px  
4px 4px #9A5100; box-shadow:4px 4px 4px  
4px #9A5100 }
```

Background

The CSS property to change the background color of an element to Hex 9A5100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A5100 }
```

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

```
.background{ background-color:#9A5100 }
```

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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