

Converting Colors

Hex(9A5500)

Have a look what the booklet for
Hex(9A5500) contains.

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Color

Hex(9A5500)

Conversions

Conversions Part 1

Format	Color
Hex	9A5500
RGB	154, 85, 0
RGB Percent	60%, 33%, 0%
CMY	0.3961, 0.6667, 1.0000
CMYK	0.00, 0.45, 1.00, 0.40
HSL	33°, 100%, 30%
HSV	33°, 100%, 60%
XYZ	16.5749, 13.3670, 1.7065
YIQ	95.9410, 68.4090, -11.8070

Conversions

Conversions Part 2

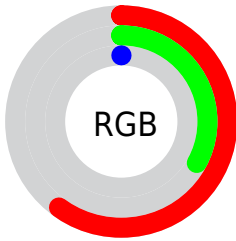
Format	Color
RYB	125, 154, 0
Decimal	10114304
CIELab	43.31, 23.69, 52.21
CIELCh	43, 57.334, 65.591
Yxy	13.3670, 0.5237, 0.4224
Android (android.graphics.Color)	4288304384 (0xFF9A5500)
YUV	95.9410, -47.2989, 50.9177
Hunter-Lab	36.5609, 16.9414, 22.8253

Details

The Hex color **9A5500** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **00459A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **D6873A**, and **602700** is the 20% darker color. If you saturate the color by 10%, you get **9A5500**, and if you desaturate by 10%, it is **9A5C0F**.

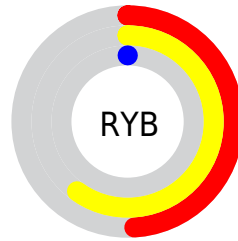
Distribution



Red (60%)

Green (33%)

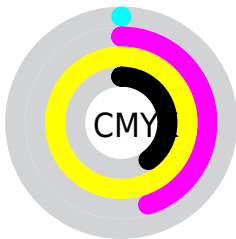
Blue (0%)



Red (49%)

Yellow (60%)

Blue (0%)

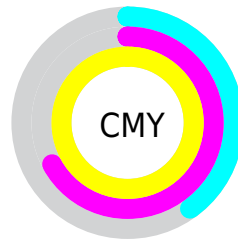


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A5500 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 9A5500 by changing the saturation by 10% instead.

 9A5500

 9A5500

 FFFFF7

 7D3D00

 D6873A

 602700

 F4A253

 441000

 FFBD6D

 2B0000

 FFD988

 000000

 FFF5A3

 FFFFBE

 FFFFDB

 9A5500

 9A5C0F

 9A631F

 9A6A2E

 9A713E

 9A784D

 9A7E5C

 9A856C

 9A8C7B

 9A938B

Harmonies

Analogous

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



B33F32



9A5500



746700

Triad

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



9A5500



007C6E



7155B4

Complementary

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



9A5500



00459A

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.



0069C6



9A5500



007B9D

Square

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



9A5500



00793D



0076BD



A53D8E

Rectangle

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



9A5500



547000



0076BD



555DBD

Sweetspot

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



9A5500



C9AE8D



9A0045



665641



E6E6E6



666666

Same Dimension

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



9A5500



C96F00



929A00



4D4945



8C4D00



0D0700

Inverse Universe

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



00459A



005AC9



08009A



45484D



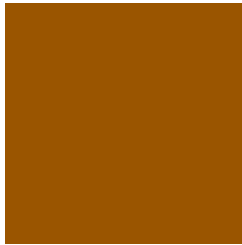
003F8C



00060D

Previews

White Background



This preview shows how the Hex color 9A5500 looks on a white background.

Color Contrast Check

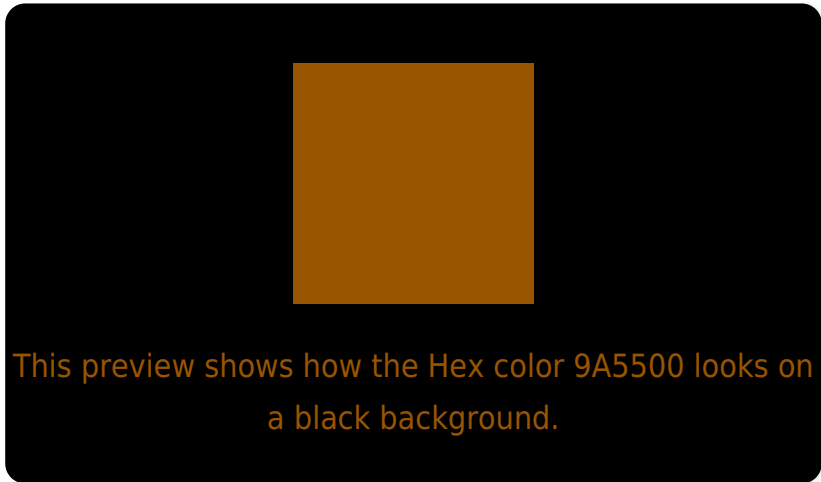
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A5500 Background



This preview shows how black text looks on a background with the Hex color 9A5500.



This preview shows how white text looks on a background with the Hex color 9A5500.

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
9A5500

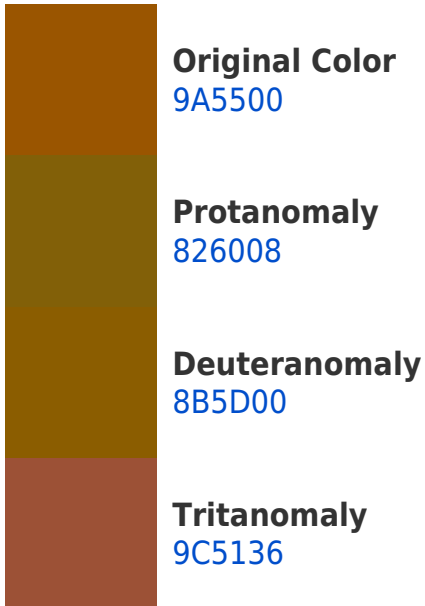
Protanopia
74670D

Deuteranopia
826200



Tritanopia
9D4F55

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A5500 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 #9A5500 looks like.

```
.text, #text, p{  
    color:#9A5500  
}
```

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 #9A5500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A5500
}
```

Border

The CSS property to change the border of an element to Hex 9A5500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

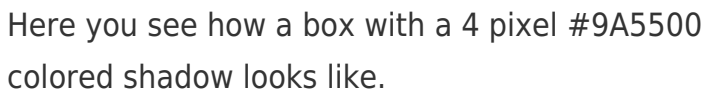
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A5500 }
```

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

```
.border{ border-color:#9A5500 }
```

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



Here you see how a box with a 4 pixel #9A5500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A5500; -webkit-box-shadow:4px 4px  
4px 4px #9A5500; box-shadow:4px 4px 4px  
4px #9A5500 }
```

Background

The CSS property to change the background color of an element to Hex 9A5500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A5500 }
```

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

```
.background{ background-color:#9A5500 }
```

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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