

Converting Colors

Hex(9A5B29)

Have a look what the booklet for
Hex(9A5B29) contains.

Hex(9A5B29)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9A5B29)

Conversions

Conversions Part 1

Format	Color
Hex	9A5B29
RGB	154, 91, 41
RGB Percent	60%, 36%, 16%
CMY	0.3961, 0.6431, 0.8392
CMYK	0.00, 0.41, 0.73, 0.40
HSL	27°, 58%, 38%
HSV	27°, 73%, 60%
XYZ	17.4678, 14.5123, 3.9783
YIQ	104.1370, 53.5980, -2.1940

Conversions

Conversions Part 2

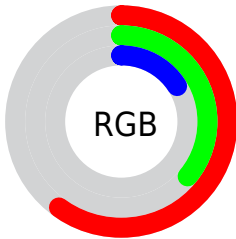
Format	Color
RYB	154, 131, 41
Decimal	10115881
CIELab	44.96, 21.52, 38.74
CIELCh	45, 44.312, 60.946
Yxy	14.5123, 0.4858, 0.4036
Android (android.graphics.Color)	4288305961 (0xFF9A5B29)
YUV	104.1370, -31.1265, 43.7299
Hunter-Lab	38.0950, 15.1816, 20.4748

Details

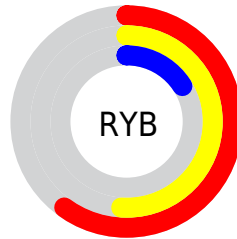
The Hex color **9A5B29** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **29689A**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **D48E59**, and **622C00** is the 20% darker color. If you saturate the color by 10%, you get **9A521A**, and if you desaturate by 10%, it is **9A6438**.

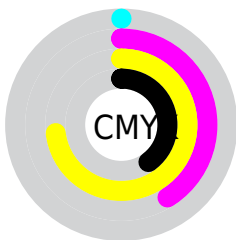
Distribution



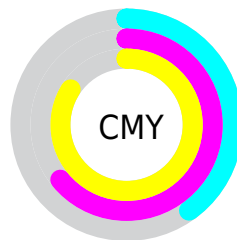
- Red (60%)
- Green (36%)
- Blue (16%)



- Red (60%)
- Yellow (51%)
- Blue (16%)



- Cyan (0%)
- Magenta (41%)
- Yellow (73%)
- Black (40%)



- Cyan (40%)
- Magenta (64%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A5B29 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 9A5B29 by changing the saturation by 10% instead.



9A5B29



9A5B29

FFFFFF



7E4311



D48E59



622C00



F2A872



471600



FFC48C



2D0000



FFE0A7



000000



FFFCC2



FFFFDE



FFFFFB



9A5B29



9A5B29

 9A521A

 9A6438

 9A4A0A

 9A6C48

 9A4400

 9A7557

 9A7D67

 9A8676

 9A8F85

 9A9795

 9AA0A4

 9AA8B4

Harmonies

Analogous

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



AB4D47



9A5B29



7D691A

Triad

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



9A5B29



007C6A



6D60AA

Complementary

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



9A5B29



29689A

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.



046EB4



9A5B29



007C8F

Square

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



9A5B29



207945



0077AA



98518F

Rectangle

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



9A5B29



65701F



0077AA



5765B0

Sweetspot

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



9A5B29



C9B19D



9A2969



66574B



E6E6E6



666666

Same Dimension

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



9A5B29



C96718



9A9229



4D4845



8C3E00



0D0600

Inverse Universe

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



29689A



187BC9



29319A



45494D



004E8C



00070D

Previews

White Background



This preview shows how the Hex color 9A5B29 looks on a white background.

Color Contrast Check

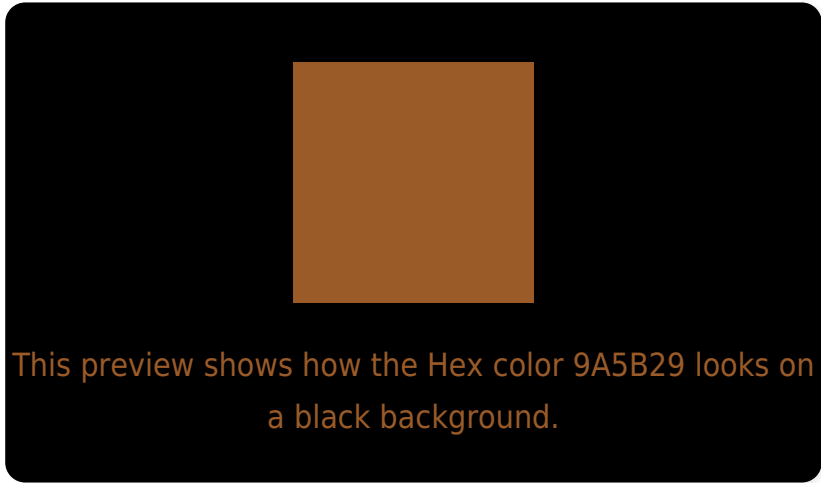
Large Text (above 18pt) WCAG AA ✓ Pass

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

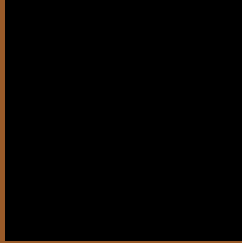
Any Text WCAG AA × Fail

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 9A5B29 Background



This preview shows how black text looks on a background with the Hex color 9A5B29.



This preview shows how white text looks on a background with the Hex color 9A5B29.

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
9A5B29

Protanopia
776B2E

Deuteranopia
856626



Tritanopia
9D565C

Trichromacy



Original Color
9A5B29

Protanomaly
84652C

Deuteranomaly
8D6227

Tritanomaly
9C5849

Monochromacy



Original Color
9A5B29

Achromatopsia
686868

Achromatomaly
7A6351

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A5B29 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 #9A5B29 looks like.

```
.text, #text, p{  
    color:#9A5B29  
}
```

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 #9A5B29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A5B29
}
```

Border

The CSS property to change the border of an element to Hex 9A5B29 is called "border". The border property can be set on classes, ids or directly on the HTML element.

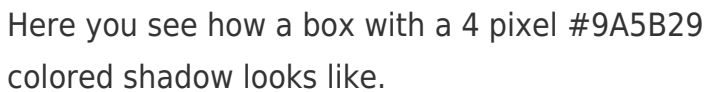
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A5B29 }
```

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

```
.border{ border-color:#9A5B29 }
```

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



Here you see how a box with a 4 pixel #9A5B29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A5B29; -webkit-box-shadow:4px 4px  
4px 4px #9A5B29; box-shadow:4px 4px 4px  
4px #9A5B29 }
```

Background

The CSS property to change the background color of an element to Hex 9A5B29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A5B29 }
```

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

```
.background{ background-color:#9A5B29 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor