

# Converting Colors

Hex(9A5715)

Have a look what the booklet for  
Hex(9A5715) contains.

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**Color**

**Hex(9A5715)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A5715
RGB	154, 87, 21
RGB Percent	60%, 34%, 8%
CMY	0.3961, 0.6588, 0.9176
CMYK	0.00, 0.44, 0.86, 0.40
HSL	30°, 76%, 34%
HSV	30°, 86%, 60%
XYZ	16.8700, 13.7406, 2.4725
YIQ	99.5090, 61.1180, -6.3220

# Conversions

## Conversions Part 2

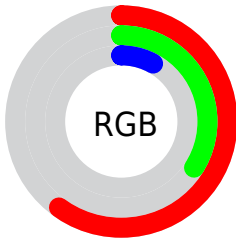
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 152, 21
Decimal	10114837
CIELab	43.86, 22.98, 46.57
CIELCh	44, 51.931, 63.733
Yxy	13.7406, 0.5099, 0.4153
Android (android.graphics.Color)	4288304917 (0xFF9A5715)
YUV	99.5090, -38.7049, 47.7886
Hunter-Lab	37.0683, 16.3669, 21.9930

# Details

The Hex color **9A5715** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **15589A**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **D58947**, and **612800** is the 20% darker color. If you saturate the color by 10%, you get **9A4F06**, and if you desaturate by 10%, it is **9A5F24**.

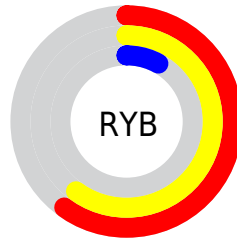
# Distribution



Red (60%)

Green (34%)

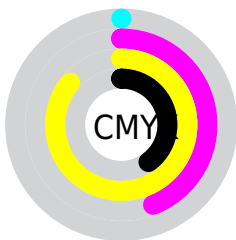
Blue (8%)



Red (60%)

Yellow (60%)

Blue (8%)

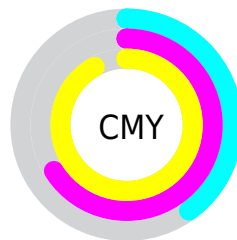


Cyan (0%)

Magenta (44%)

Yellow (86%)

Black (40%)



Cyan (40%)

Magenta (66%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A5715 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 9A5715 by changing the saturation by 10% instead.





9A5715



9A5715

FFFFFF



7D3F00



D58947



612800



F4A460



451300



FFBF7A



2C0000



FFDB94



000000



FFF8B0



FFFFCB



FFFFE8



9A5715



9A5715

■ 9A4F06

■ 9A5F24

■ 9A4C00

■ 9A6734

■ 9A6E43

■ 9A7653

■ 9A7E62

■ 9A8671

■ 9A8D81

■ 9A9590

■ 9A9DA0

# Harmonies

## Analogous

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



B0453A



9A5715



786700

# Triad

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



9A5715



007C6C



6F5AB0

# Complementary

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



9A5715



15589A

# 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.



006BBE



9A5715



007B97

# Square

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



9A5715



00793F



0076B5



9F468F

# Rectangle

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



9A5715



5B7008



0076B5



5560B7



# Sweetspot

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



9A5715



C9AF95



9A155A



665646



E6E6E6



666666



# Same Dimension

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



9A5715



C96400



9A9815



4D4945



8C4600



0D0600



# Inverse Universe

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



15589A



0065C9



15179A



45494D



00478C



00060D



# Previews

## White Background



This preview shows how the Hex color 9A5715 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 9A5715 Background



This preview shows how black text looks on a background with the Hex color 9A5715.



This preview shows how white text looks on a background with the Hex color 9A5715.

# 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**  
9A5715

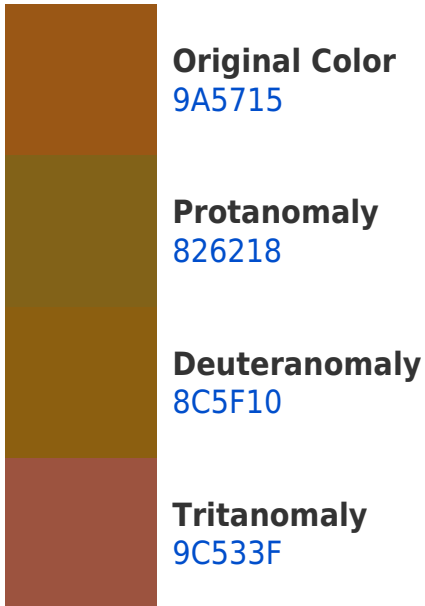
**Protanopia**  
75681A

**Deuteranopia**  
84630D

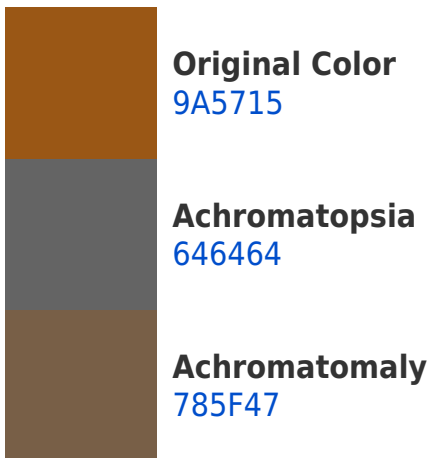


**Tritanopia**  
9D5157

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A5715 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 #9A5715 looks like.

```
.text, #text, p{  
    color:#9A5715  
}
```

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 #9A5715 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A5715
}
```

## Border

The CSS property to change the border of an element to Hex 9A5715 is called "border". The border property can be set on classes, ids or directly on the HTML element.

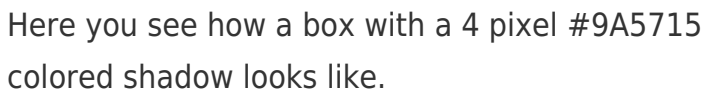
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A5715 }
```

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

```
.border{ border-color:#9A5715 }
```

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



Here you see how a box with a 4 pixel #9A5715 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A5715; -webkit-box-shadow:4px 4px  
4px 4px #9A5715; box-shadow:4px 4px 4px  
4px #9A5715 }
```

# Background

The CSS property to change the background color of an element to Hex 9A5715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A5715 }
```

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

```
.background{ background-color:#9A5715 }
```

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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