

Converting Colors

Hex(9C5306)

Have a look what the booklet for
Hex(9C5306) contains.

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Color

Hex(9C5306)

Conversions

Conversions Part 1

Format	Color
Hex	9C5306
RGB	156, 83, 6
RGB Percent	61%, 33%, 2%
CMY	0.3882, 0.6745, 0.9765
CMYK	0.00, 0.47, 0.96, 0.39
HSL	31°, 93%, 32%
HSV	31°, 96%, 61%
XYZ	16.8364, 13.2676, 1.8458
YIQ	96.0490, 68.2250, -8.4710

Conversions

Conversions Part 2

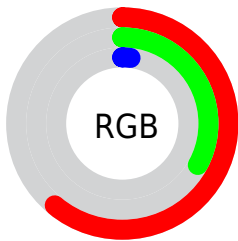
Format	Color
R_{YB}	148, 156, 6
Decimal	10244870
CIE Lab	43.16, 25.79, 50.63
CIE LCh	43, 56.819, 63.005
Yxy	13.2676, 0.5270, 0.4153
Android (android.graphics.Color)	4288434950 (0xFF9C5306)
YUV	96.0490, -44.3942, 52.5770
Hunter-Lab	36.4247, 18.7641, 22.4928

Details

The Hex color **9C5306** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **064F9C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **D8853D**, and **622400** is the 20% darker color. If you saturate the color by 10%, you get **9C5000**, and if you desaturate by 10%, it is **9C5B16**.

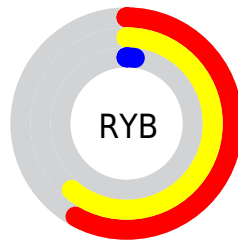
Distribution



Red (61%)

Green (33%)

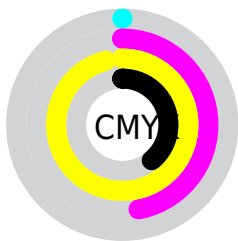
Blue (2%)



Red (58%)

Yellow (61%)

Blue (2%)

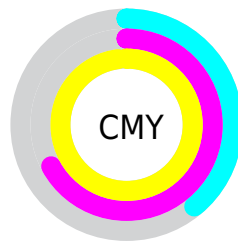


Cyan (0%)

Magenta (47%)

Yellow (96%)

Black (39%)



Cyan (39%)

Magenta (67%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C5306 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 9C5306 by changing the saturation by 10% instead.

 9C5306

 9C5306

 FFFFFB

 7F3B00

 D8853D

 622400

 F7A057

 460D00

 FFBB70

 2D0000

 FFD78B

 000000

 FFF3A6

 FFFFC1

 FFFFDE

 9C5306

 9C5306

■ 9C5000

■ 9C5B16

■ 9C6225

■ 9C6A35

■ 9C7144

■ 9C7954

■ 9C8164

■ 9C8873

■ 9C9083

■ 9C9792

Harmonies

Analogous

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



B43D36



9C5306



776500

Triad

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



9C5306



007B6A



6A57B6

Complementary

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



9C5306



064F9C

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.



006AC5



9C5306



007B98

Square

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



9C5306



007839



0076BA



A13F92

Rectangle

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



9C5306



586E00



0076BA



4C5EBD

Sweetspot

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



9C5306



CCAF91



9C0651



665542



E6E6E6



666666

Same Dimension

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



9C5306



CC6900



9C9C06



4F4B47



8F4900



0F0800

Inverse Universe

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



064F9C



0063CC



06069C



474B4F



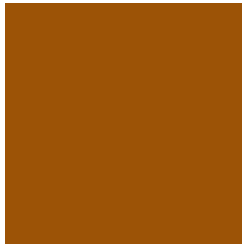
00458F



00070F

Previews

White Background



This preview shows how the Hex color 9C5306 looks on a white background.

Color Contrast Check

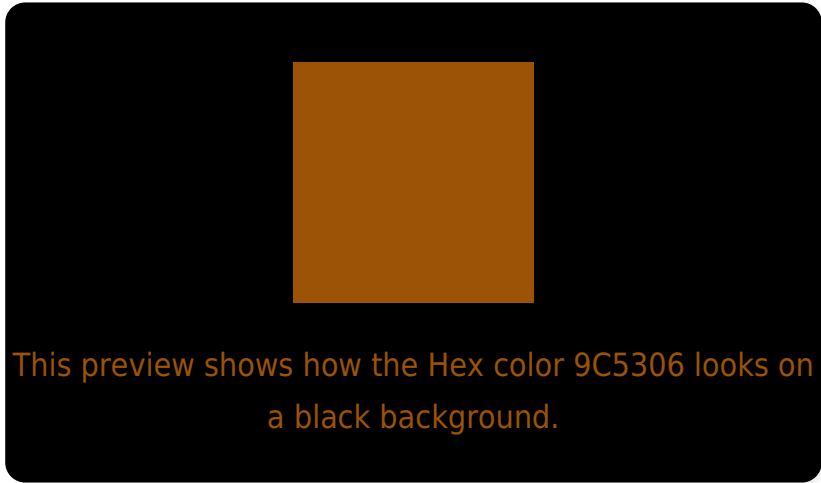
Large Text (above 18pt) WCAG AA ✓ Pass

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

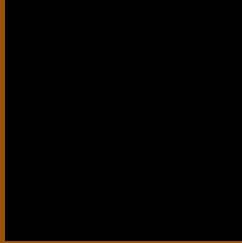
Any Text WCAG AA × Fail

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 9C5306 Background



This preview shows how black text looks on a background with the Hex color 9C5306.



This preview shows how white text looks on a background with the Hex color 9C5306.

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
9C5306

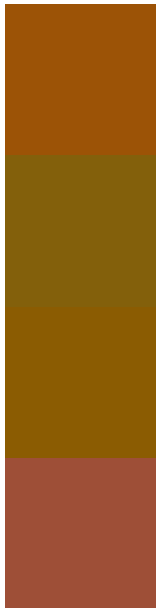
Protanopia
74670E

Deuteranopia
826100



Tritanopia
9F4D53

Trichromacy



Original Color
9C5306

Protanomaly
83600B

Deuteranomaly
8B5C02

Tritanomaly
9E4F37

Monochromacy



Original Color
9C5306

Achromatopsia
606060

Achromatomaly
765B3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C5306 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 #9C5306 looks like.

```
.text, #text, p{  
    color:#9C5306  
}
```

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 #9C5306 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C5306
}
```

Border

The CSS property to change the border of an element to Hex 9C5306 is called "border". The border property can be set on classes, ids or directly on the HTML element.

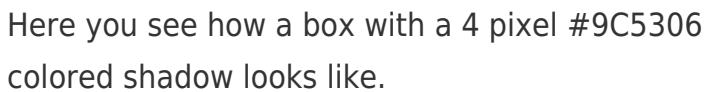
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C5306 }
```

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

```
.border{ border-color:#9C5306 }
```

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



Here you see how a box with a 4 pixel #9C5306 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C5306; -webkit-box-shadow:4px 4px  
4px 4px #9C5306; box-shadow:4px 4px 4px  
4px #9C5306 }
```

Background

The CSS property to change the background color of an element to Hex 9C5306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C5306 }
```

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

```
.background{ background-color:#9C5306 }
```

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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