

Converting Colors

Hex(9C6316)

Have a look what the booklet for
Hex(9C6316) contains.

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Color

Hex(9C6316)

Conversions

Conversions Part 1

Format	Color
Hex	9C6316
RGB	156, 99, 22
RGB Percent	61%, 39%, 9%
CMY	0.3882, 0.6118, 0.9137
CMYK	0.00, 0.37, 0.86, 0.39
HSL	34°, 75%, 35%
HSV	34°, 86%, 61%
XYZ	18.3170, 16.0495, 2.8915
YIQ	107.2650, 58.6890, -11.8630

Conversions

Conversions Part 2

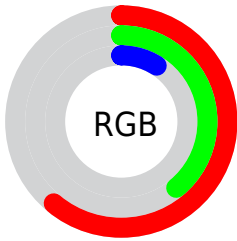
Format	Color
R_{YB}	121, 156, 22
Decimal	10248982
CIE _{Lab}	47.04, 17.09, 49.02
CIE _{LCh}	47, 51.912, 70.784
Yxy	16.0495, 0.4916, 0.4308
Android (android.graphics.Color)	4288439062 (0xFF9C6316)
YUV	107.2650, -42.0356, 42.7406
Hunter-Lab	40.0619, 11.5050, 23.7640

Details

The Hex color **9C6316** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **164F9C**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **D7964A**, and **643400** is the 20% darker color. If you saturate the color by 10%, you get **9C5C06**, and if you desaturate by 10%, it is **9C6A26**.

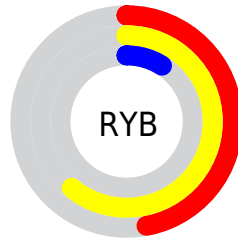
Distribution



Red (61%)

Green (39%)

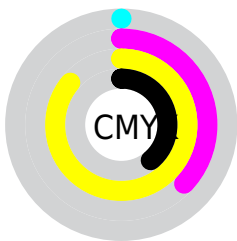
Blue (9%)



Red (47%)

Yellow (61%)

Blue (9%)

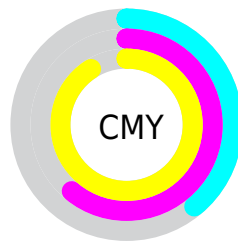


Cyan (0%)

Magenta (37%)

Yellow (86%)

Black (39%)



Cyan (39%)

Magenta (61%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C6316 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 9C6316 by changing the saturation by 10% instead.



9C6316



9C6316

FFFFFF



7F4B00



D7964A



643400



F5B163



481F00



FFCC7D



2E0A00



FFE898



0B0000



FFFFB3



000000



FFFFCF



FFF FEC



9C6316



9C6316

■ 9C5C06

■ 9C6A26

■ 9C5A00

■ 9C7035

■ 9C7745

■ 9C7E54

■ 9C8464

■ 9C8B74

■ 9C9183

■ 9C9893

■ 9C9FA2

Harmonies

Analogous

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



B65138



9C6316



777208

Triad

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



9C6316



00847F



865DB2

Complementary

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



9C6316



164F9C

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.



2D6FC6



9C6316



0082A8

Square

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



9C6316



008251



007CC2



AF4A8D

Rectangle

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



9C6316



587A1C



007CC2



7063BB

Sweetspot

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



9C6316



CCB597



9C1650



665946



E6E6E6



666666

Same Dimension

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



9C6316



CC7500



939C16



4F4C47



8F5200



0F0900

Inverse Universe

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



164F9C



0057CC



1F169C



474B4F



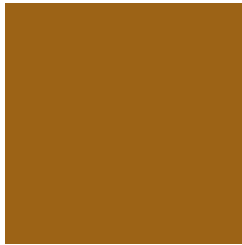
003D8F



00070F

Previews

White Background



This preview shows how the Hex color 9C6316 looks on a white background.

Color Contrast Check

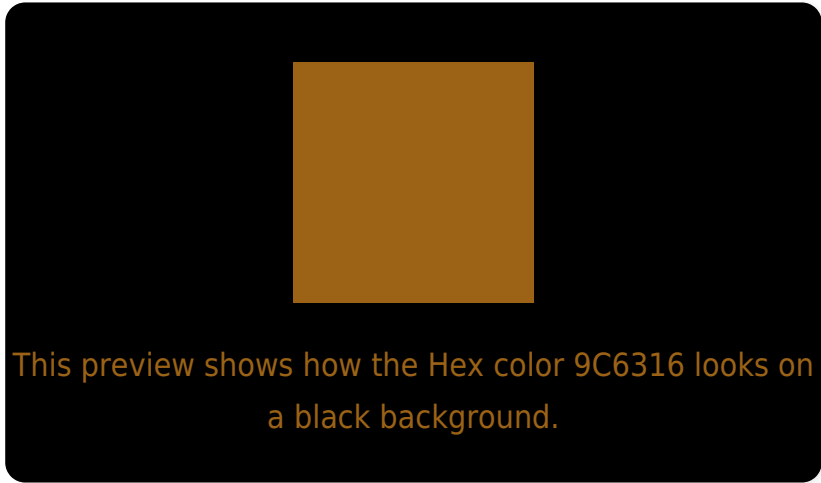
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C6316 Background



This preview shows how black text looks on a background with the Hex color 9C6316.



This preview shows how white text looks on a background with the Hex color 9C6316.

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
9C6316

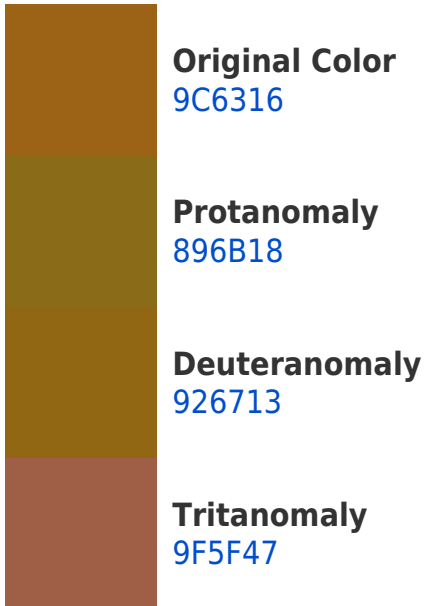
Protanopia
7E7019

Deuteranopia
8D6A11

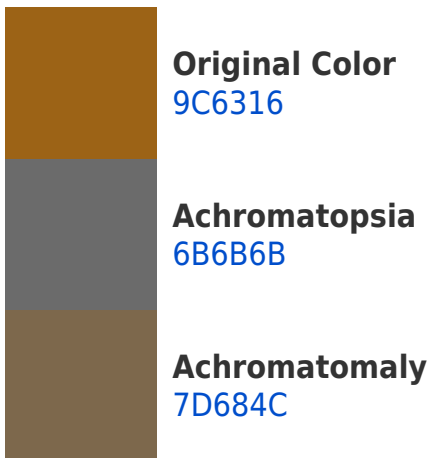


Tritanopia
A05C63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9C6316 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 #9C6316 looks like.

```
.text, #text, p{  
    color:#9C6316  
}
```

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 #9C6316 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C6316
}
```

Border

The CSS property to change the border of an element to Hex 9C6316 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
#9C6316 }
```

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

```
.border{ border-color:#9C6316 }
```

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

Here you see how a box with a 4 pixel #9C6316 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C6316; -webkit-box-shadow:4px 4px  
4px 4px #9C6316; box-shadow:4px 4px 4px  
4px #9C6316 }
```

Background

The CSS property to change the background color of an element to Hex 9C6316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C6316 }
```

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

```
.background{ background-color:#9C6316 }
```

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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