

Converting Colors

Hex(9A6308)

Have a look what the booklet for
Hex(9A6308) contains.

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Color

Hex(9A6308)

Conversions

Conversions Part 1

Format	Color
Hex	9A6308
RGB	154, 99, 8
RGB Percent	60%, 39%, 3%
CMY	0.3961, 0.6118, 0.9686
CMYK	0.00, 0.36, 0.95, 0.40
HSL	37°, 90%, 32%
HSV	37°, 95%, 60%
XYZ	17.8321, 15.8112, 2.3417
YIQ	105.0710, 61.9910, -16.6410

Conversions

Conversions Part 2

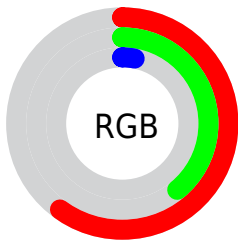
Format	Color
RYB	96, 154, 8
Decimal	10117896
CIELab	46.73, 15.87, 52.53
CIELCh	47, 54.873, 73.193
Yxy	15.8112, 0.4955, 0.4394
Android (android.graphics.Color)	4288307976 (0xFF9A6308)
YUV	105.0710, -47.8560, 42.9107
Hunter-Lab	39.7633, 10.4635, 24.3426

Details

The Hex color **9A6308** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **083F9A**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **D59641**, and **613400** is the 20% darker color. If you saturate the color by 10%, you get **9A6000**, and if you desaturate by 10%, it is **9A6917**.

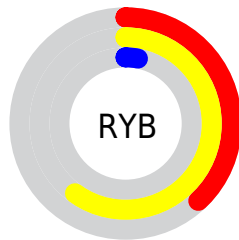
Distribution



Red (60%)

Green (39%)

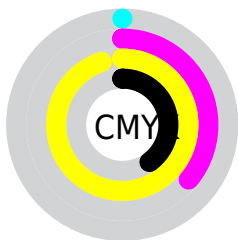
Blue (3%)



Red (38%)

Yellow (60%)

Blue (3%)

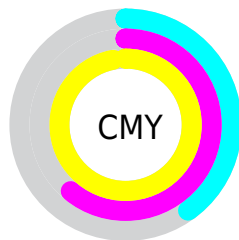


Cyan (0%)

Magenta (36%)

Yellow (95%)

Black (40%)



Cyan (40%)

Magenta (61%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A6308 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 9A6308 by changing the saturation by 10% instead.



9A6308



9A6308

FFFFFF



7D4B00



D59641



613400



F3B05B



461F00



FFCC75



2C0A00



FFE88F



050000



FFFFAB



000000



FFFFC7



FFFFE3



9A6308



9A6308

■ 9A6000

■ 9A6917

■ 9A6F27

■ 9A7436

■ 9A7A46

■ 9A8055

■ 9A8664

■ 9A8C74

■ 9A9183

■ 9A9793

Harmonies

Analogous

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



B64F31



9A6308



727300

Triad

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



9A6308



008482



8A59B2

Complementary

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



9A6308



083F9A

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.



2F6DC9



9A6308



0082AD

Square

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



9A6308



008252



007BC7



B4458B

Rectangle

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



9A6308



517A16



007BC7



7560BC

Sweetspot

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



9A6308



C9B491



9A0840



665943



E6E6E6



666666

Same Dimension

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



9A6308



C97E00



899A08



4D4A45



8C5700



0D0800

Inverse Universe

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



083F9A



004CC9



19089A



45484D



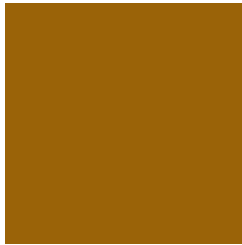
00358C



00050D

Previews

White Background



This preview shows how the Hex color 9A6308 looks on a white background.

Color Contrast Check

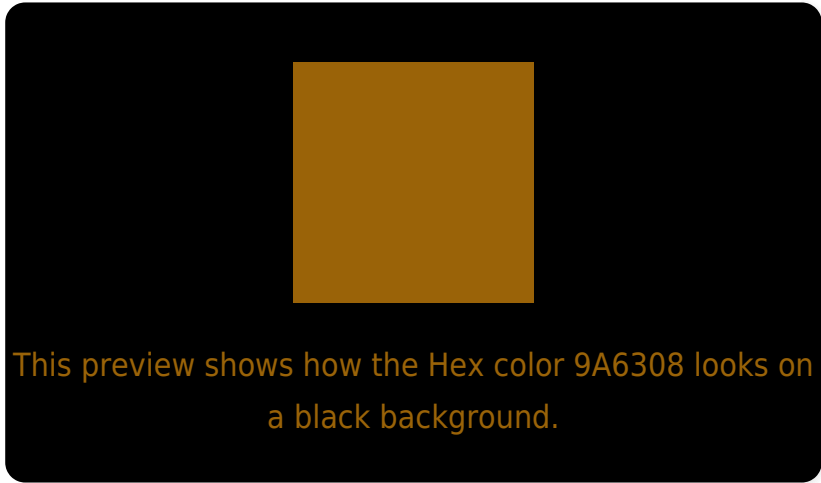
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A6308 Background



This preview shows how black text looks on a background with the Hex color 9A6308.



This preview shows how white text looks on a background with the Hex color 9A6308.

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
9A6308

Protanopia
7D700D

Deuteranopia
8D6A00

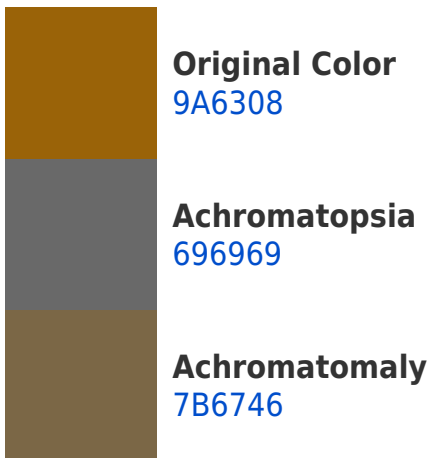


Tritanopia
9E5C63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A6308 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 #9A6308 looks like.

```
.text, #text, p{  
    color:#9A6308  
}
```

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 #9A6308 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A6308
}
```

Border

The CSS property to change the border of an element to Hex 9A6308 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
#9A6308 }
```

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

```
.border{ border-color:#9A6308 }
```

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

Here you see how a box with a 4 pixel #9A6308 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A6308; -webkit-box-shadow:4px 4px  
4px 4px #9A6308; box-shadow:4px 4px 4px  
4px #9A6308 }
```

Background

The CSS property to change the background color of an element to Hex 9A6308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A6308 }
```

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

```
.background{ background-color:#9A6308 }
```

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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