

# Converting Colors

Hex(9A6430)

Have a look what the booklet for  
Hex(9A6430) contains.

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# Color

**Hex(9A6430)**

# Conversions

Conversions Part 1	
Format	Color
Hex	9A6430
RGB	154, 100, 48
RGB Percent	60%, 39%, 19%
CMY	0.3961, 0.6078, 0.8118
CMYK	0.00, 0.35, 0.69, 0.40
HSL	29°, 52%, 40%
HSV	29°, 69%, 60%
XYZ	18.4171, 16.1978, 4.9521
YIQ	110.2180, 48.8760, -4.7240

# Conversions

## Conversions Part 2

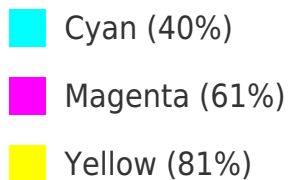
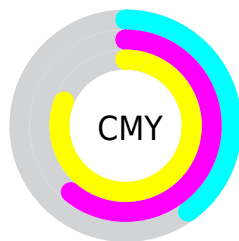
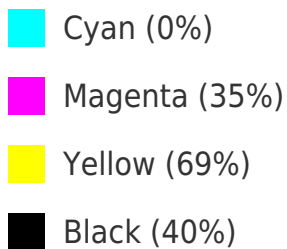
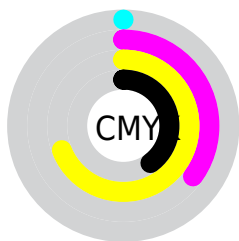
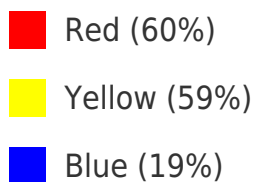
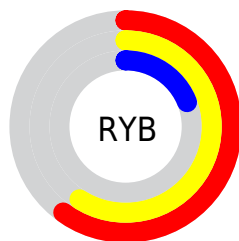
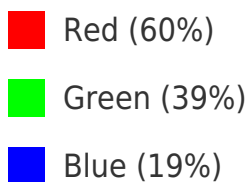
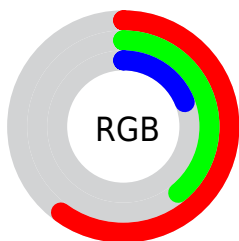
Format	Color
<a href="#">RYB</a>	<a href="#">154, 150, 48</a>
Decimal	<a href="#">10118192</a>
CIELab	<a href="#">47.23, 16.78, 37.63</a>
CIELCh	<a href="#">47, 41.202, 65.972</a>
Yxy	<a href="#">16.1978, 0.4655, 0.4094</a>
Android (android.graphics.Color)	<a href="#">4288308272</a> (0xFF9A6430)
YUV	<a href="#">110.2180, -30.6735, 38.3968</a>
Hunter-Lab	<a href="#">40.2465, 11.2517, 20.8772</a>

# Details

The Hex color **9A6430** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **30669A**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **D49760**, and **633500** is the 20% darker color. If you saturate the color by 10%, you get **9A5C21**, and if you desaturate by 10%, it is **9A6C3F**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 9A6430 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 9A6430 by changing the saturation by 10% instead.



 9A6430

 9A6430

FFFFFF

 7E4C19

 D49760

 633500

 F1B27A

 481F00

 FFCD94

 2E0B00

 FFEAAF

 0C0000

 FFFFCB

 000000

 FFFFE7

 9A6430

 9A6430

 9A5C21

 9A6C3F

 9A5411

 9A744F

 9A4C02

 9A7C5E

 9A4C00

 9A836E

 9A8B7D

 9A938C

 9A9B9C

 9AA3AB

 9AABBB

# Harmonies

## Analogous

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



AC5749



9A6430



7D7027

# Triad

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



9A6430



008176



7B64A8

# Complementary

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



9A6430



30669A

# 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.



3C71B5



9A6430



008098

# Square

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



9A6430



237F52



007BAF



A0578D

# Rectangle

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



9A6430



66772E



007BAF



6A69AE



# Sweetspot

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



9A6430



C9B49F



9A3067



66594D



E6E6E6



666666



# Same Dimension

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



9A6430



C97422



9A9830



4D4945



8C4500



0D0600



# Inverse Universe

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



30669A



2277C9



30329A



45494D



00478C



00060D



# Previews

## White Background



This preview shows how the Hex color 9A6430 looks on a white background.

## Color Contrast Check

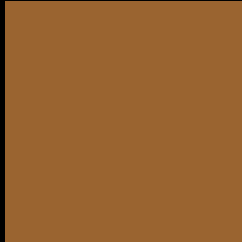
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 9A6430 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

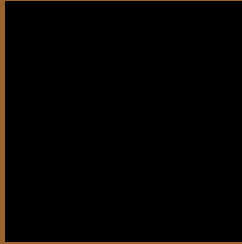
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9A6430 Background



This preview shows how black text looks on a background with the Hex color 9A6430.



This preview shows how white text looks on a background with the Hex color 9A6430.

# 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**

9A6430

**Protanopia**

7D7134





**Deuteranopia**

8C6B2E






**Tritanopia**  
9D5E65

# Trichromacy

	<b>Original Color</b> 9A6430
	<b>Protanomaly</b> 886C33
	<b>Deuteranomaly</b> 91682F
	<b>Tritanomaly</b> 9C6052

# Monochromacy

	<b>Original Color</b> 9A6430
	<b>Achromatopsia</b> 6E6E6E
	<b>Achromatomaly</b> 7E6A57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A6430 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 #9A6430 looks like.

```
.text, #text, p{  
    color:#9A6430  
}
```

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 #9A6430 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A6430
}
```

## Border

The CSS property to change the border of an element to Hex 9A6430 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
#9A6430 }
```

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

```
.border{ border-color:#9A6430 }
```

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

Here you see how a box with a 4 pixel #9A6430 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A6430; -webkit-box-shadow:4px 4px  
4px 4px #9A6430; box-shadow:4px 4px 4px  
4px #9A6430 }
```

# Background

The CSS property to change the background color of an element to Hex 9A6430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A6430 }
```

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

```
.background{ background-color:#9A6430 }
```

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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