

Converting Colors

Hex(9A6B40)

Have a look what the booklet for
Hex(9A6B40) contains.

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Color

Hex(9A6B40)

Conversions

Conversions Part 1

Format	Color
Hex	9A6B40
RGB	154, 107, 64
RGB Percent	60%, 42%, 25%
CMY	0.3961, 0.5804, 0.7490
CMYK	0.00, 0.31, 0.58, 0.40
HSL	29°, 41%, 43%
HSV	29°, 58%, 60%
XYZ	19.5095, 17.7556, 7.2494
YIQ	116.1510, 41.8150, -3.4090

Conversions

Conversions Part 2

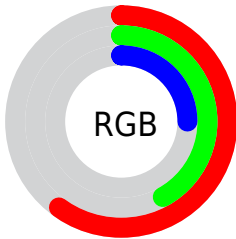
Format	Color
RYB	154, 146, 64
Decimal	10120000
CIELab	49.20, 13.92, 31.35
CIELCh	49, 34.300, 66.063
Yxy	17.7556, 0.4383, 0.3989
Android (android.graphics.Color)	4288310080 (0xFF9A6B40)
YUV	116.1510, -25.7104, 33.1936
Hunter-Lab	42.1374, 8.9048, 19.2958

Details

The Hex color **9A6B40** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **40F9A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **D39E71**, and **643C13** is the 20% darker color. If you saturate the color by 10%, you get **9A6331**, and if you desaturate by 10%, it is **9A734F**.

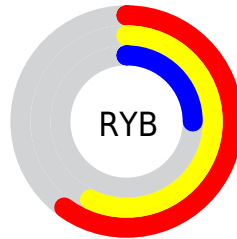
Distribution



Red (60%)

Green (42%)

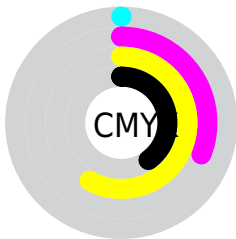
Blue (25%)



Red (60%)

Yellow (57%)

Blue (25%)

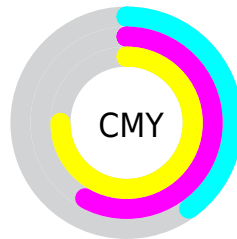


Cyan (0%)

Magenta (31%)

Yellow (58%)

Black (40%)



Cyan (40%)

Magenta (58%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A6B40 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 9A6B40 by changing the saturation by 10% instead.

 9A6B40

 9A6B40

FFFFFF

 7E5329

 D39E71

 643C13

 F0B98B

 4A2600

 FFD5A5

 301100

 FFF1C0

 160000

 FFFFDC

 000000

 FFFFF9

 9A6B40

 9A6B40

 9A6331

 9A734F

 9A5B21

 9A7B5F

 9A5312

 9A836E

 9A4B02

 9A8B7E

 9A4A00

 9A938D

 9A9B9C

 9AA3AC

 9AABBB

 9AB3CB

Harmonies

Analogous

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



A96154



9A6B40



81753A

Triad

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



9A6B40



00847A



7F6BA4

Complementary

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



9A6B40



406F9A

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.



5176AF



9A6B40



008396

Square

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



9A6B40



3C825C



007EA9



9E618D

Rectangle

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



9A6B40



6D7B3F



007EA9



726FA9

Sweetspot

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



9A6B40



C9B7A5



9A4070



665A50



E6E6E6



666666

Same Dimension

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



9A6B40



C9803C



9A9740



4D4945



8C4300



0D0600

Inverse Universe

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



406F9A



3C86C9



40439A



45494D



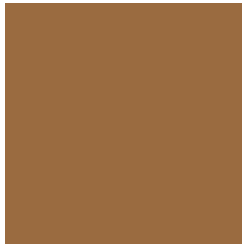
00498C



00070D

Previews

White Background



This preview shows how the Hex color 9A6B40 looks on a white background.

Color Contrast Check

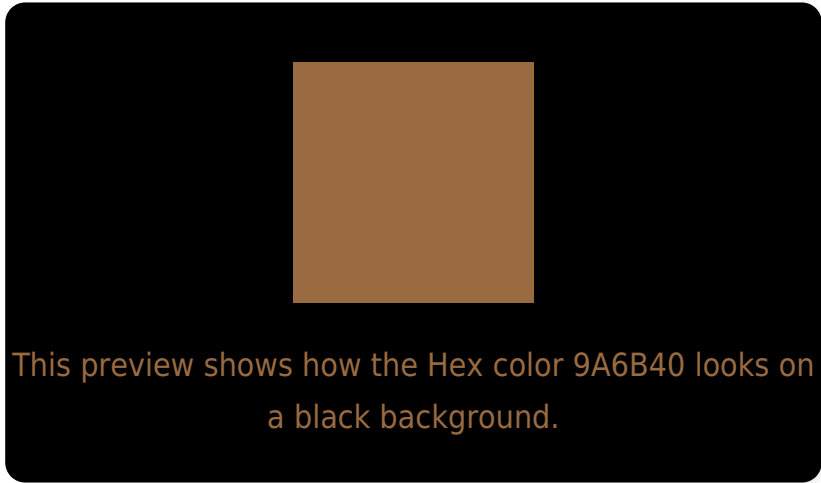
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 9A6B40 Background



This preview shows how black text looks on a background with the Hex color 9A6B40.



This preview shows how white text looks on a background with the Hex color 9A6B40.

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
9A6B40

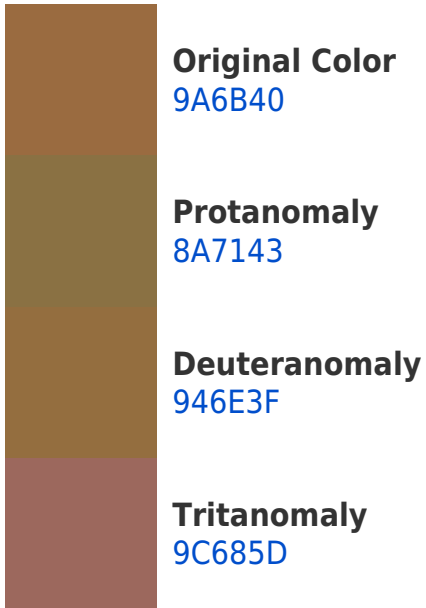
Protanopia
817544

Deuteranopia
90703F

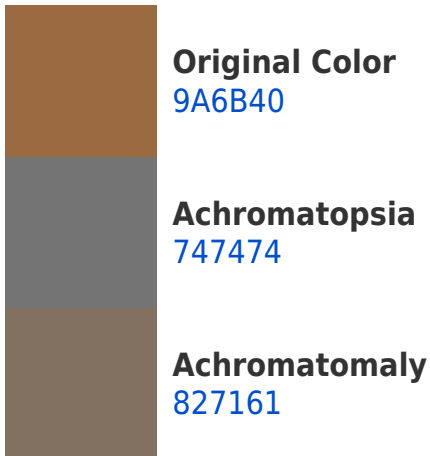


Tritanopia
9D666D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A6B40 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 #9A6B40 looks like.

```
.text, #text, p{  
    color:#9A6B40  
}
```

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 #9A6B40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A6B40
}
```

Border

The CSS property to change the border of an element to Hex 9A6B40 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
#9A6B40 }
```

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

```
.border{ border-color:#9A6B40 }
```

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

Here you see how a box with a 4 pixel #9A6B40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A6B40; -webkit-box-shadow:4px 4px  
4px 4px #9A6B40; box-shadow:4px 4px 4px  
4px #9A6B40 }
```

Background

The CSS property to change the background color of an element to Hex 9A6B40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A6B40 }
```

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

```
.background{ background-color:#9A6B40 }
```

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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