

Converting Colors

Hex(9C6410)

Have a look what the booklet for
Hex(9C6410) contains.

Hex(9C6410)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9C6410)

Conversions

Conversions Part 1

Format	Color
Hex	9C6410
RGB	156, 100, 16
RGB Percent	61%, 39%, 6%
CMY	0.3882, 0.6078, 0.9373
CMYK	0.00, 0.36, 0.90, 0.39
HSL	36°, 81%, 34%
HSV	36°, 90%, 61%
XYZ	18.3610, 16.2197, 2.6532
YIQ	107.1680, 60.3400, -14.2520

Conversions

Conversions Part 2

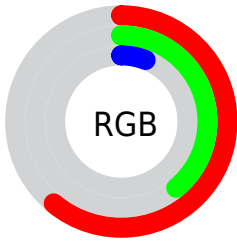
Format	Color
RYB	109, 156, 16
Decimal	10249232
CIELab	47.26, 16.36, 51.09
CIELCh	47, 53.644, 72.243
Yxy	16.2197, 0.4931, 0.4356
Android (android.graphics.Color)	4288439312 (0xFF9C6410)
YUV	107.1680, -44.9458, 42.8257
Hunter-Lab	40.2737, 10.9003, 24.2856

Details

The Hex color **9C6410** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **10489C**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **D79746**, and **633500** is the 20% darker color. If you saturate the color by 10%, you get **9C5E00**, and if you desaturate by 10%, it is **9C6A20**.

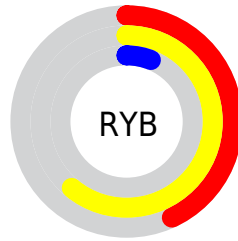
Distribution



Red (61%)

Green (39%)

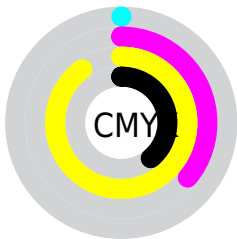
Blue (6%)



Red (43%)

Yellow (61%)

Blue (6%)

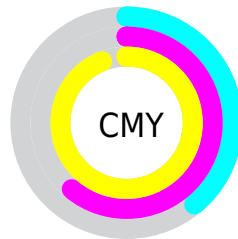


Cyan (0%)

Magenta (36%)

Yellow (90%)

Black (39%)



Cyan (39%)

Magenta (61%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C6410 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 9C6410 by changing the saturation by 10% instead.

 9C6410

 9C6410

FFFFFF

 7F4C00

 D79746

 633500

 F5B25F

 482000

 FFCD79

 2D0B00

 FFE994

 0C0000

 FFFF4F

 000000

 FFFF4F

FFFFCB

 FFFF4F

FFFFE8

 9C6410

 9C6410

■ 9C5E00

■ 9C6A20

■ 9C702F

■ 9C773F

■ 9C7D4E

■ 9C835E

■ 9C896E

■ 9C907D

■ 9C968D

■ 9C9C9C

Harmonies

Analogous

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



B75135



9C6410



757402

Triad

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



9C6410



008582



8A5CB3

Complementary

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



9C6410



10489C

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.



306FC9



9C6410



0083AC

Square

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



9C6410



008353



007DC6



B3488D

Rectangle

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



9C6410



557B1A



007DC6



7463BD

Sweetspot

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



9C6410



CCB695



9C1048



665945



E6E6E6



666666

Same Dimension

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



9C6410



CC7A00



8E9C10



4F4C47



8F5600



0F0900

Inverse Universe

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



10489C



0052CC



1E109C



474A4F



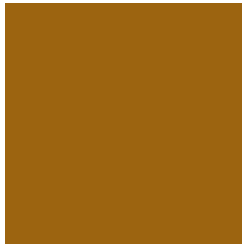
00398F



00060F

Previews

White Background



This preview shows how the Hex color 9C6410 looks on a white background.

Color Contrast Check

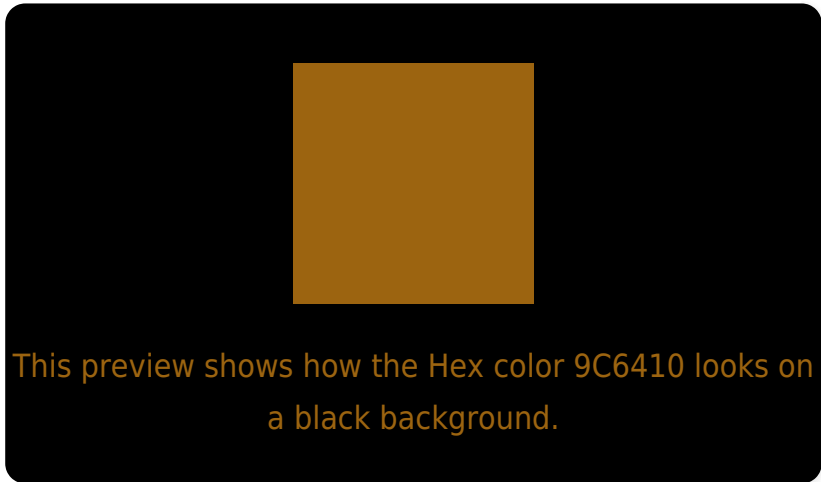
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C6410 Background



This preview shows how black text looks on a background with the Hex color 9C6410.



This preview shows how white text looks on a background with the Hex color 9C6410.

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
9C6410

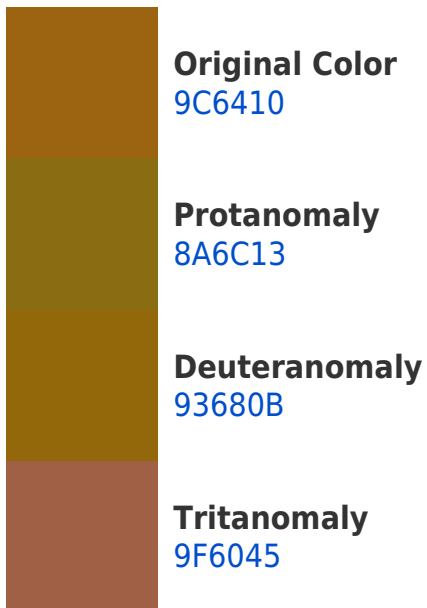
Protanopia
7F7114

Deuteranopia
8E6B08

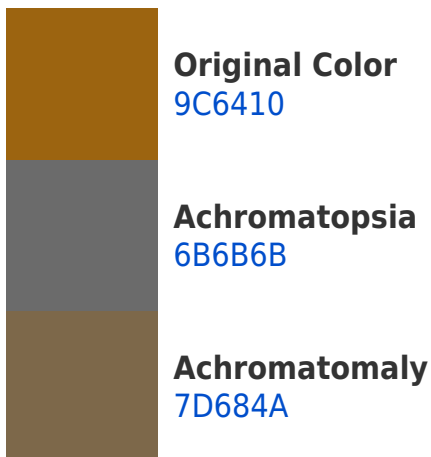


Tritanopia
A05D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9C6410 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 #9C6410 looks like.

```
.text, #text, p{  
    color:#9C6410  
}
```

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 #9C6410 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C6410
}
```

Border

The CSS property to change the border of an element to Hex 9C6410 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
#9C6410 }
```

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

```
.border{ border-color:#9C6410 }
```

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

Here you see how a box with a 4 pixel #9C6410 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C6410; -webkit-box-shadow:4px 4px  
4px 4px #9C6410; box-shadow:4px 4px 4px  
4px #9C6410 }
```

Background

The CSS property to change the background color of an element to Hex 9C6410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C6410 }
```

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

```
.background{ background-color:#9C6410 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor