

Converting Colors

Hex(96631A)

Have a look what the booklet for
Hex(96631A) contains.

Hex(96631A)	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(96631A)

Conversions

Conversions Part 1

Format	Color
Hex	96631A
RGB	150, 99, 26
RGB Percent	59%, 39%, 10%
CMY	0.4118, 0.6118, 0.8980
CMYK	0.00, 0.34, 0.83, 0.41
HSL	35°, 70%, 35%
HSV	35°, 83%, 59%
XYZ	17.2260, 15.4823, 3.0578
YIQ	105.9270, 53.8290, -11.8910

Conversions

Conversions Part 2

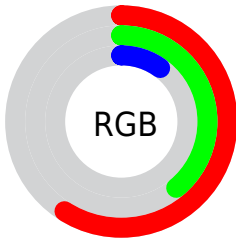
Format	Color
RYB	113, 150, 26
Decimal	9855770
CIELab	46.29, 14.47, 46.60
CIELCh	46, 48.797, 72.746
Yxy	15.4823, 0.4816, 0.4329
Android (android.graphics.Color)	4288045850 (0xFF96631A)
YUV	105.9270, -39.4040, 38.6520
Hunter-Lab	39.3475, 9.2874, 22.9358

Details

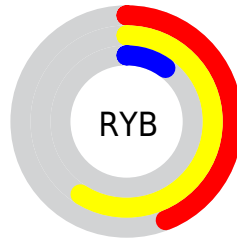
The Hex color **96631A** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1A4D96**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **D0964C**, and **5F3400** is the 20% darker color. If you saturate the color by 10%, you get **965D0B**, and if you desaturate by 10%, it is **966929**.

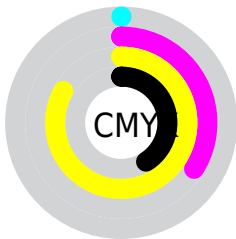
Distribution



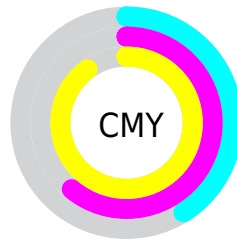
- Red (59%)
- Green (39%)
- Blue (10%)



- Red (44%)
- Yellow (59%)
- Blue (10%)



- Cyan (0%)
- Magenta (34%)
- Yellow (83%)
- Black (41%)



- Cyan (41%)
- Magenta (61%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96631A 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 96631A by changing the saturation by 10% instead.



96631A



96631A

FFFFFF



7A4B00



D0964C



5F3400



EEB066



431F00



FFCC80



290A00



FFE89A



000000



FFFFB6



FFFFD2



FFFFEE



96631A



96631A

■ 965D0B

■ 966929

■ 965800

■ 966F38

■ 967647

■ 967C56

■ 968265

■ 968874

■ 968E83

■ 969492

■ 969BA1

Harmonies

Analogous

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



AF5238



96631A



727113

Triad

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



96631A



00817E



865BAA

Complementary

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



96631A



1A4D96

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.



3D6CBE



96631A



007FA4

Square

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



96631A



008054



0079BC



AC4B87

Rectangle

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



96631A



557823



0079BC



7361B3

Sweetspot

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



96631A



C2AE91



961A4E



615544



E0E0E0



616161

Same Dimension

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



96631A



C27302



8C961A



4A4743



8A5100



0A0600

Inverse Universe

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



1A4D96



0251C2



241A96



43464A



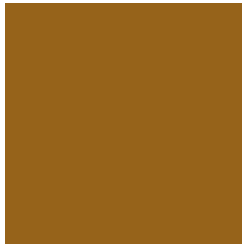
00398A



00040A

Previews

White Background



This preview shows how the Hex color 96631A looks on a white background.

Color Contrast Check

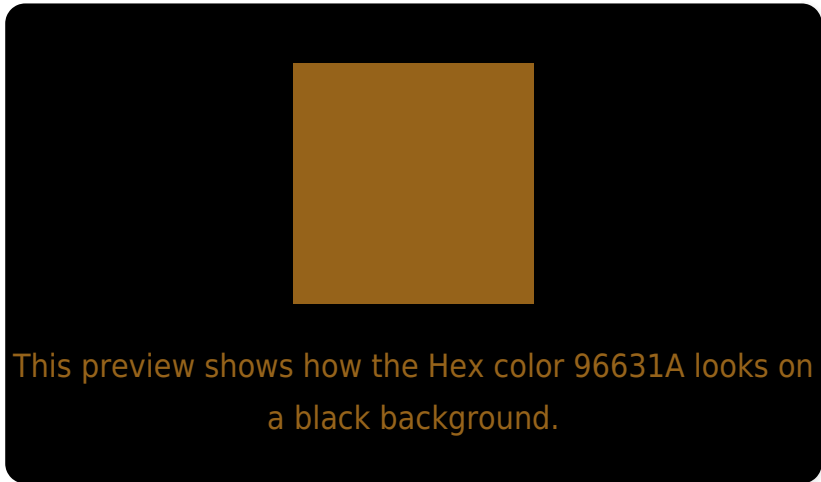
Large Text (above 18pt) WCAG AA ✓ Pass

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 96631A Background



This preview shows how black text looks on a background with the Hex color 96631A.



This preview shows how white text looks on a background with the Hex color 96631A.

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
96631A

Protanopia
7C6E1D

Deuteranopia
8B6817



Tritanopia
9A5C63

Trichromacy



Original Color
96631A

Protanomaly
856A1C

Deuteranomaly
8F6618

Tritanomaly
995F48

Monochromacy



Original Color
96631A

Achromatopsia
6A6A6A

Achromatomaly
7A674D

CSS Examples

Text

The CSS property to change the color of the text to Hex 96631A 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 #96631A looks like.

```
.text, #text, p{  
    color:#96631A  
}
```

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 #96631A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96631A
}
```

Border

The CSS property to change the border of an element to Hex 96631A 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
#96631A }
```

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

```
.border{ border-color:#96631A }
```

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

Here you see how a box with a 4 pixel #96631A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96631A; -webkit-box-shadow:4px 4px  
4px 4px #96631A; box-shadow:4px 4px 4px  
4px #96631A }
```

Background

The CSS property to change the background color of an element to Hex 96631A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96631A }
```

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

```
.background{ background-color:#96631A }
```

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