

Converting Colors

Hex(96763A)

Have a look what the booklet for
Hex(96763A) contains.

Hex(96763A)	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(96763A)

Conversions

Conversions Part 1

Format	Color
Hex	96763A
RGB	150, 118, 58
RGB Percent	59%, 46%, 23%
CMY	0.4118, 0.5373, 0.7725
CMYK	0.00, 0.21, 0.61, 0.41
HSL	39°, 44%, 41%
HSV	39°, 61%, 59%
XYZ	19.8198, 19.7464, 6.7698
YIQ	120.7280, 38.3320, -11.8760

Conversions

Conversions Part 2

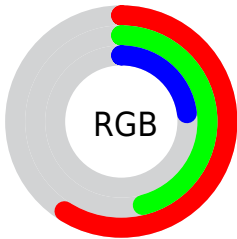
Format	Color
RYB	107, 150, 58
Decimal	9860666
CIELab	51.55, 5.34, 37.23
CIELCh	52, 37.613, 81.840
Yxy	19.7464, 0.4277, 0.4262
Android (android.graphics.Color)	4288050746 (0xFF96763A)
YUV	120.7280, -30.9249, 25.6715
Hunter-Lab	44.4369, 1.8503, 22.0732

Details

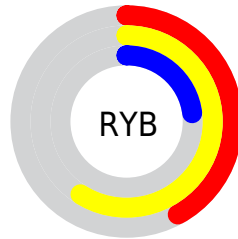
The Hex color **96763A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3A5A96**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **CEAA6B**, and **604609** is the 20% darker color. If you saturate the color by 10%, you get **96712B**, and if you desaturate by 10%, it is **967B49**.

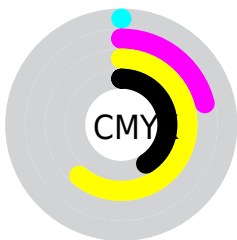
Distribution



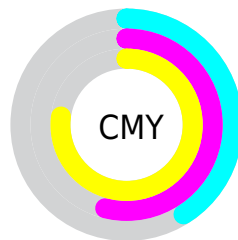
- Red (59%)
- Green (46%)
- Blue (23%)



- Red (42%)
- Yellow (59%)
- Blue (23%)



- Cyan (0%)
- Magenta (21%)
- Yellow (61%)
- Black (41%)



- Cyan (41%)
- Magenta (54%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96763A 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 96763A by changing the saturation by 10% instead.

 96763A

 96763A

FFFFFF

 7B5D22

 CEEA6B

 604609

 ECC585

 473000

 FFE1A0

 2D1B00

 FFFEBB

 140100

 FFFFD7

 000000

 FFFFF3

 96763A

 96763A

 96712B

 967B49

■ 966C1C

■ 968058

■ 96660D

■ 968667

■ 966200

■ 968B76

■ 969085

■ 969594

■ 969BA3

■ 96A0B2

■ 96A5C1

Harmonies

Analogous

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



AD6A49



96763A



77803D

Triad

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



96763A



008B92



9A6AA3

Complementary

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



96763A



3A5A96

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.



7076B7



96763A



0088AD

Square

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



96763A



148B71



2C81BA



B26185

Rectangle

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



96763A



5F8549



2C81BA



8E6DAB

Sweetspot

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



96763A



C2B69F



963A5A



61594C



E0E0E0



616161

Same Dimension

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



96763A



C29032



88963A



4A4743



8A5A00



0A0700

Inverse Universe

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



3A5A96



3264C2



483A96



43454A



00308A



00040A

Previews

White Background



This preview shows how the Hex color 96763A looks on a white background.

Color Contrast Check

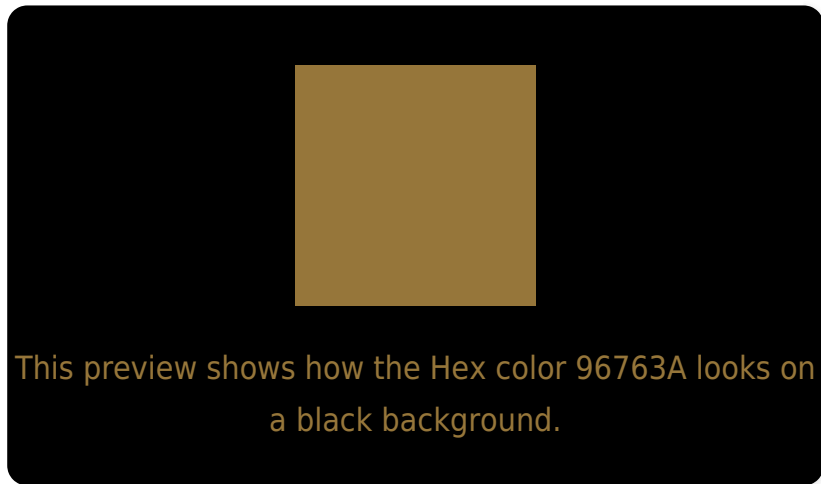
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

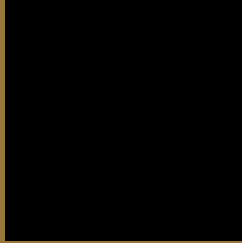
Any Text WCAG AA ✓ Pass

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 96763A Background



This preview shows how black text looks on a background with the Hex color 96763A.



This preview shows how white text looks on a background with the Hex color 96763A.

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
96763A

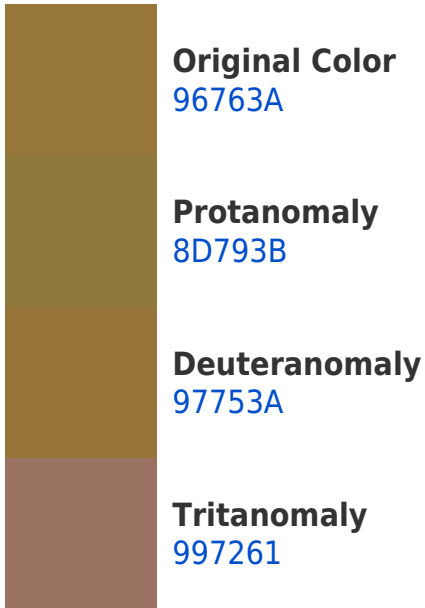
Protanopia
887B3C

Deuteranopia
98753A

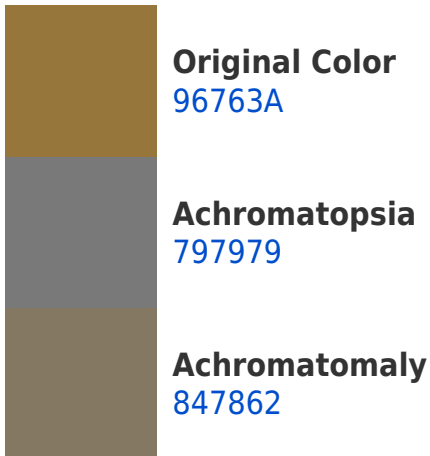


Tritanopia
9B6F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96763A 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 #96763A looks like.

```
.text, #text, p{  
    color:#96763A  
}
```

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 #96763A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96763A
}
```

Border

The CSS property to change the border of an element to Hex 96763A 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
#96763A }
```

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

```
.border{ border-color:#96763A }
```

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

Here you see how a box with a 4 pixel #96763A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96763A; -webkit-box-shadow:4px 4px  
4px 4px #96763A; box-shadow:4px 4px 4px  
4px #96763A }
```

Background

The CSS property to change the background color of an element to Hex 96763A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96763A }
```

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

```
.background{ background-color:#96763A }
```

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