

Converting Colors

Hex(A97646)

Have a look what the booklet for
Hex(A97646) contains.

Hex(A97646)	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(A97646)

Conversions

Conversions Part 1

Format	Color
Hex	A97646
RGB	169, 118, 70
RGB Percent	66%, 46%, 27%
CMY	0.3373, 0.5373, 0.7255
CMYK	0.00, 0.30, 0.59, 0.34
HSL	29°, 41%, 47%
HSV	29°, 59%, 66%
XYZ	23.9461, 21.8341, 8.7467
YIQ	127.7770, 45.8040, -4.1160

Conversions

Conversions Part 2

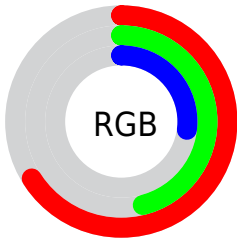
Format	Color
RYB	169, 163, 70
Decimal	11105862
CIELab	53.85, 14.71, 34.14
CIElCh	54, 37.172, 66.683
Yxy	21.8341, 0.4392, 0.4004
Android (android.graphics.Color)	4289295942 (0xFFA97646)
YUV	127.7770, -28.4841, 36.1526
Hunter-Lab	46.7270, 9.7035, 21.6106

Details

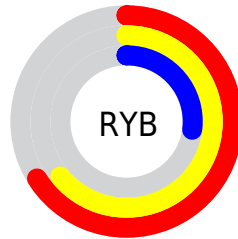
The Hex color **A97646** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4679A9**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **E3AA78**, and **724618** is the 20% darker color. If you saturate the color by 10%, you get **A96D35**, and if you desaturate by 10%, it is **A97F57**.

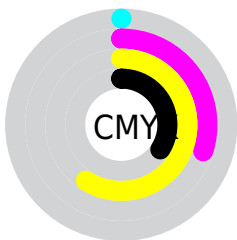
Distribution



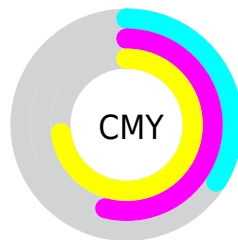
- Red (66%)
- Green (46%)
- Blue (27%)



- Red (66%)
- Yellow (64%)
- Blue (27%)



- Cyan (0%)
- Magenta (30%)
- Yellow (59%)
- Black (34%)



- Cyan (34%)
- Magenta (54%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color A97646 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 A97646 by changing the saturation by 10% instead.

 A97646

 A97646

FFFFFF

 8D5D2F

 E3AA78

 724618

 FFC692

 572F00

 FFE2AC

 3D1A00

 FFFEC8

 250200

 FFFFEE

 000000

 A97646

 A97646

 A96D35

 A97F57

 A96524

 A98768

 A95C13

 A99079

 A95302

 A9998A

 A95200

 A9A29A

 A9AAAB

 A9B3BC

 A9BCCD

 A9C4DE

Harmonies

Analogous

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



BA6B5C



A97646



8E813F

Triad

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



A97646



009187



8D76B4

Complementary

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



A97646



4679A9

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.



5A82C0



A97646



0090A6

Square

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



A97646



418F66



008BBB



AE6B9B

Rectangle

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



A97646



778746



008BBB



7E7ABA

Sweetspot

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



A97646



DBC7B4



A94679



6E6156



EDEDED



6E6E6E

Same Dimension

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



A97646



DB8C42



A9A746



54504C



944800



140A00

Inverse Universe

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



4679A9



4291DB



4648A9



4C5054



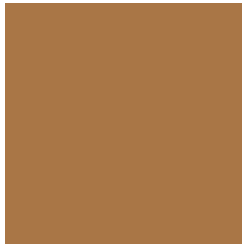
004C94



000B14

Previews

White Background



This preview shows how the Hex color A97646 looks on a white background.

Color Contrast Check

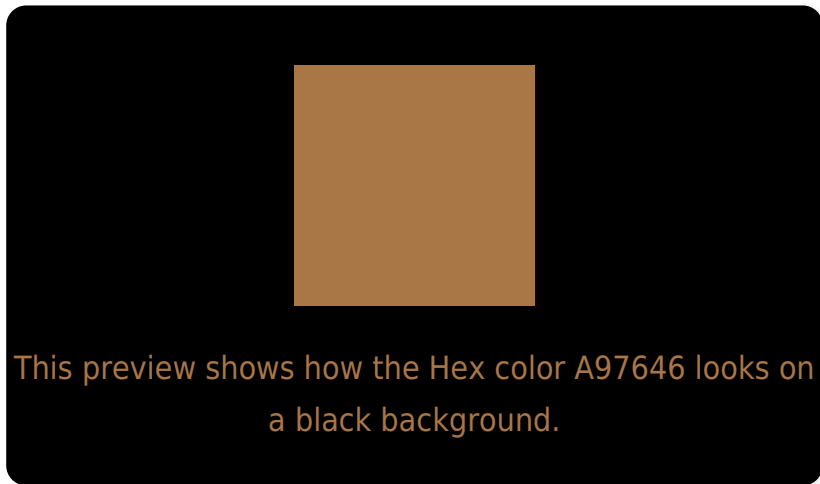
Large Text (above 18pt) WCAG AA ✓ Pass

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

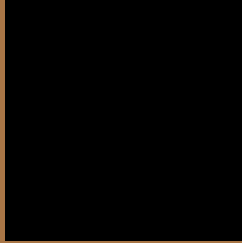
Any Text WCAG AA ✓ Pass

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 A97646 Background



This preview shows how black text looks on a background with the Hex color A97646.



This preview shows how white text looks on a background with the Hex color A97646.

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
A97646

Protanopia
8E814A

Deuteranopia
9E7B45

Trichromacy



Original Color
A97646

Protanomaly
987D49

Deuteranomaly
A27945

Tritanomaly
AC7266

Monochromacy



Original Color
A97646

Achromatopsia
808080

Achromatomaly
8F7C6B

CSS Examples

Text

The CSS property to change the color of the text to Hex A97646 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 #A97646 looks like.

```
.text, #text, p{  
    color:#A97646  
}
```

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 #A97646 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A97646
}
```

Border

The CSS property to change the border of an element to Hex A97646 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
#A97646 }
```

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

```
.border{ border-color:#A97646 }
```

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

Here you see how a box with a 4 pixel #A97646 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A97646; -webkit-box-shadow:4px 4px  
4px 4px #A97646; box-shadow:4px 4px 4px  
4px #A97646 }
```

Background

The CSS property to change the background color of an element to Hex A97646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A97646 }
```

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

```
.background{ background-color:#A97646 }
```

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