

# Converting Colors

Hex(A37646)

Have a look what the booklet for  
Hex(A37646) contains.

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**Color**

**Hex(A37646)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A37646
RGB	163, 118, 70
RGB Percent	64%, 46%, 27%
CMY	0.3608, 0.5373, 0.7255
CMYK	0.00, 0.28, 0.57, 0.36
HSL	31°, 40%, 46%
HSV	31°, 57%, 64%
XYZ	22.6882, 21.1856, 8.6878
YIQ	125.9830, 42.2280, -5.3880

# Conversions

## Conversions Part 2

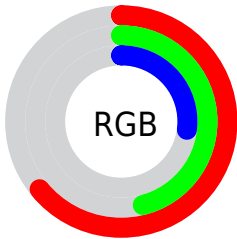
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 163, 70
Decimal	10712646
CIELab	53.15, 12.09, 33.13
CIElCh	53, 35.264, 69.943
Yxy	21.1856, 0.4316, 0.4031
Android (android.graphics.Color)	4288902726 (0xFFA37646)
YUV	125.9830, -27.5996, 32.4639
Hunter-Lab	46.0278, 7.4381, 21.0284

# Details

The Hex color **A37646** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4673A3**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **DCAA77**, and **6C4618** is the 20% darker color. If you saturate the color by 10%, you get **A36E36**, and if you desaturate by 10%, it is **A37E56**.

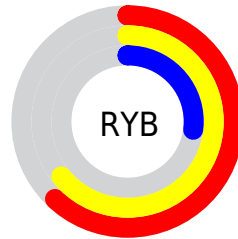
# Distribution



Red (64%)

Green (46%)

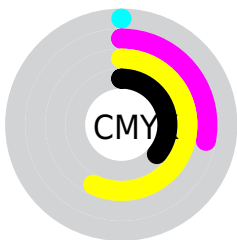
Blue (27%)



Red (62%)

Yellow (64%)

Blue (27%)

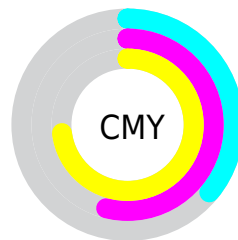


Cyan (0%)

Magenta (28%)

Yellow (57%)

Black (36%)



Cyan (36%)

Magenta (54%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A37646 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 A37646 by changing the saturation by 10% instead.





A37646



A37646

FFFFFF



875D2F



DCAA77



6C4618



FAC591



522F00



FFE1AC



381A00



FFFE08



210200



FFFFE4



000000



A37646



A37646



A36E36



A37E56



A36625



A38667

 A35E15

 A38E77

 A35605

 A39687

 A35400

 A39D98

 A3A5A8

 A3ADB8

 A3B5C8

 A3BDD9

# Harmonies

## Analogous

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



B56C59



A37646



888042

# Triad

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



A37646



008F88



8F73AE

# Complementary

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



A37646



4673A3

# 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.



617FBA



A37646



008DA5

# Square

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



A37646



3F8D69



1A88B7



AD6994

# Rectangle

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



A37646



738649



1A88B7



8277B3



# Sweetspot

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



A37646



D4C2B0



A34675



6B6156



EBEBEB



6B6B6B



# Same Dimension

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



A37646



D48E44



A3A346



524E49



914B00



120900



# Inverse Universe

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



4673A3



4489D4



4646A3



494D52



004691

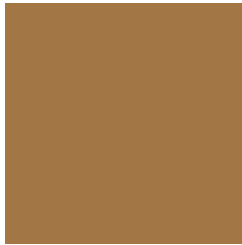


000912



# Previews

## White Background



This preview shows how the Hex color A37646 looks on a white background.

## Color Contrast Check

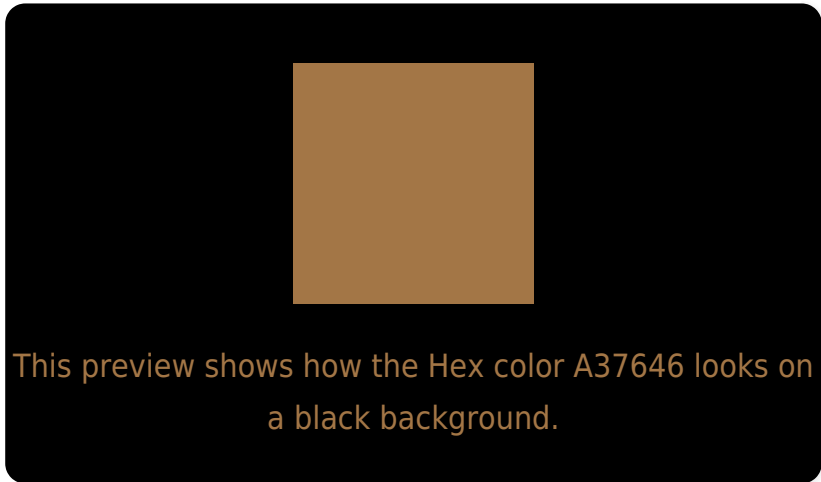
Large Text (above 18pt) WCAG AA ✓ Pass

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

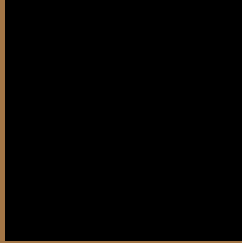
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A37646 Background



This preview shows how black text looks on a background with the Hex color A37646.



This preview shows how white text looks on a background with the Hex color A37646.

# 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**  
A37646

**Protanopia**  
8C7F49

**Deuteranopia**  
9C7945



**Tritanopia**  
A77078

# Trichromacy



**Original Color**  
A37646

**Protanomaly**  
947C48

**Deuteranomaly**  
9F7845

**Tritanomaly**  
A67266

# Monochromacy



**Original Color**  
A37646

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
8B7B6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A37646 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 #A37646 looks like.

```
.text, #text, p{  
    color:#A37646  
}
```

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 #A37646 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A37646
}
```

## Border

The CSS property to change the border of an element to Hex A37646 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
#A37646 }
```

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

```
.border{ border-color:#A37646 }
```

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

Here you see how a box with a 4 pixel #A37646 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A37646; -webkit-box-shadow:4px 4px  
4px 4px #A37646; box-shadow:4px 4px 4px  
4px #A37646 }
```

# Background

The CSS property to change the background color of an element to Hex A37646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A37646 }
```

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

```
.background{ background-color:#A37646 }
```

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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