

# Converting Colors

Hex(A37642)

Have a look what the booklet for  
Hex(A37642) contains.

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**Color**

**Hex(A37642)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A37642
RGB	163, 118, 66
RGB Percent	64%, 46%, 26%
CMY	0.3608, 0.5373, 0.7412
CMYK	0.00, 0.28, 0.60, 0.36
HSL	32°, 42%, 45%
HSV	32°, 60%, 64%
XYZ	22.5661, 21.1367, 8.0447
YIQ	125.5270, 43.5120, -6.6320

# Conversions

## Conversions Part 2

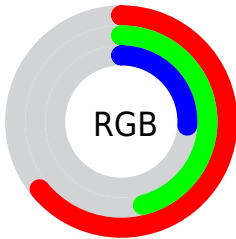
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 163, 66
Decimal	10712642
CIELab	53.10, 11.77, 35.21
CIELCh	53, 37.127, 71.524
Yxy	21.1367, 0.4361, 0.4085
Android (android.graphics.Color)	4288902722 (0xFFA37642)
YUV	125.5270, -29.3468, 32.8638
Hunter-Lab	45.9747, 7.1585, 21.8077

# Details

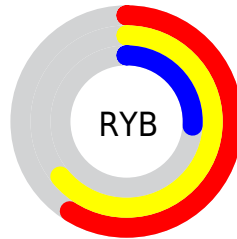
The Hex color **A37642** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **426FA3**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **DCAA73**, and **6C4613** is the 20% darker color. If you saturate the color by 10%, you get **A36E32**, and if you desaturate by 10%, it is **A37E52**.

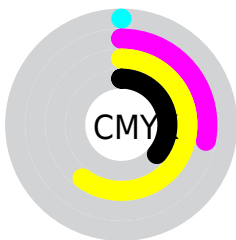
# Distribution



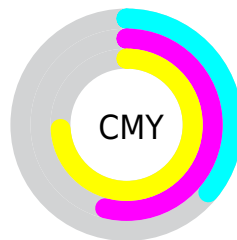
- Red (64%)
- Green (46%)
- Blue (26%)



- Red (59%)
- Yellow (64%)
- Blue (26%)



- Cyan (0%)
- Magenta (28%)
- Yellow (60%)
- Black (36%)



- Cyan (36%)
- Magenta (54%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A37642 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 A37642 by changing the saturation by 10% instead.





A37642



A37642

FFFFFF



875D2B



DCAA73



6C4613



FAC58D



522F00



FFE1A8



381A00



FFFEC4



200200



FFFFE0



000000

FFFFFFC



A37642



A37642



A36E32



A37E52

 A36721

 A38563

 A35F11

 A38D73

 A35801

 A39483

 A35700

 A39C94

 A3A3A4

 A3ABB4

 A3B2C4

 A3BAD5

# Harmonies

## Analogous

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



B66B56



A37642



86813E

# Triad

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



A37642



008F8A



9272AF

# Complementary

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



A37642



426FA3

# 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.



617EBD



A37642



008DA8

# Square

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



A37642



368E69



0888BB



B06794

# Rectangle

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



A37642



708747



0888BB



8476B5



# Sweetspot

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



A37642



D4C2AE



A3426F



6B6054



EBEBEB



6B6B6B



# Same Dimension

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



A37642



D48E3D



A0A342



524E49



914E00



120A00



# Inverse Universe

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



426FA3



3D83D4



4542A3



494D52



004391

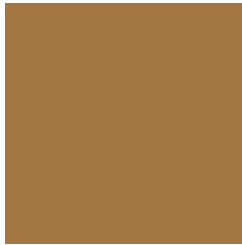


000812



# Previews

## White Background



This preview shows how the Hex color A37642 looks on a white background.

## Color Contrast Check

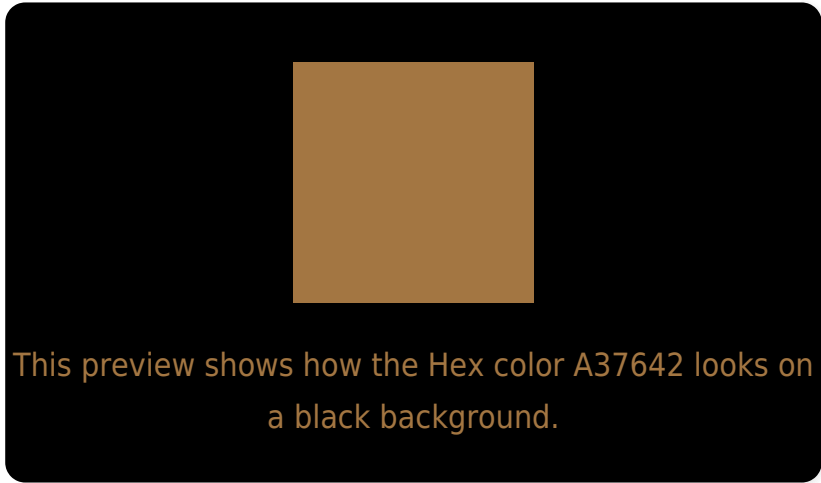
Large Text (above 18pt) WCAG AA ✓ Pass

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

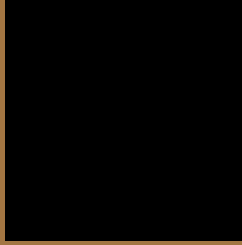
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A37642 Background



This preview shows how black text looks on a background with the Hex color A37642.



This preview shows how white text looks on a background with the Hex color A37642.

# 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**  
A37642

**Protanopia**  
8C7F45

**Deuteranopia**  
9C7941



**Tritanopia**  
A77078

# Trichromacy



**Original Color**  
A37642

**Protanomaly**  
947C44

**Deuteranomaly**  
9F7841

**Tritanomaly**  
A67264

# Monochromacy



**Original Color**  
A37642

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
8B7B68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A37642 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 #A37642 looks like.

```
.text, #text, p{  
    color:#A37642  
}
```

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 #A37642 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A37642
}
```

## Border

The CSS property to change the border of an element to Hex A37642 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
#A37642 }
```

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

```
.border{ border-color:#A37642 }
```

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

Here you see how a box with a 4 pixel #A37642 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A37642; -webkit-box-shadow:4px 4px  
4px 4px #A37642; box-shadow:4px 4px 4px  
4px #A37642 }
```

# Background

The CSS property to change the background color of an element to Hex A37642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A37642 }
```

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

```
.background{ background-color:#A37642 }
```

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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