

# Converting Colors

Hex(A37672)

Have a look what the booklet for  
Hex(A37672) contains.

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**Color**

**Hex(A37672)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A37672
RGB	163, 118, 114
RGB Percent	64%, 46%, 45%
CMY	0.3608, 0.5373, 0.5529
CMYK	0.00, 0.28, 0.30, 0.36
HSL	5°, 21%, 54%
HSV	5°, 30%, 64%
XYZ	24.6200, 21.9583, 18.8604
YIQ	130.9990, 28.1040, 8.2960

# Conversions

## Conversions Part 2

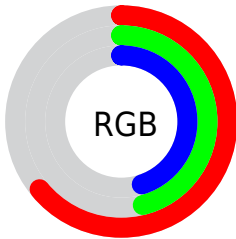
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 118, 114
Decimal	10712690
CIE <sub>Lab</sub>	53.98, 17.08, 9.17
CIE <sub>LCh</sub>	54, 19.385, 28.240
Yxy	21.9583, 0.3762, 0.3356
Android (android.graphics.Color)	4288902770 (0xFFA37672)
YUV	130.9990, -8.3805, 28.0649
Hunter-Lab	46.8597, 11.7790, 8.9384

# Details

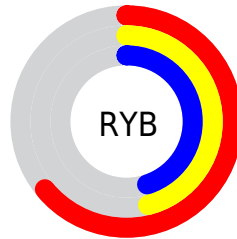
The Hex color **A37672** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **729FA3**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **DBAAA6**, and **6E4542** is the 20% darker color. If you saturate the color by 10%, you get **A36762**, and if you desaturate by 10%, it is **A38582**.

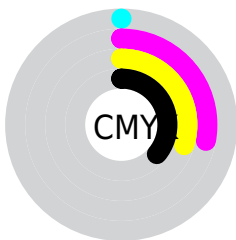
# Distribution



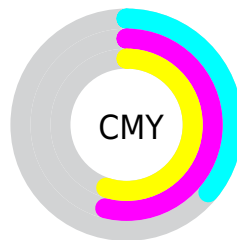
- Red (64%)
- Green (46%)
- Blue (45%)



- Red (64%)
- Yellow (46%)
- Blue (45%)



- Cyan (0%)
- Magenta (28%)
- Yellow (30%)
- Black (36%)



- Cyan (36%)
- Magenta (54%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A37672 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 A37672 by changing the saturation by 10% instead.



 A37672

 A37672

FFFFFF

 885D5A

 DBAAA6

 6E4542

 F8C6C1

 552F2C

 FFE2DD

 3C1918

 FFFFF9

 270100

 000000

 A37672

 A37672

 A36762

 A38582

 A35851

 A39493

 A34941

 A3A3A3

 A33A31

 A3B2B3

 A32B21

 A3C1C3

 A31C10

 A3D0D4

 A30D00

 A3DFE4

 A3EEF4

 A3FDFF

# Harmonies

## Analogous

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



A17583



A37672



9C7A65

# Triad

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



A37672



69896F



6B83A2

# Complementary

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



A37672



729FA3

# 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.



58879D



A37672



598A7F

# Square

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



A37672



7D8563



518A90



827D9E

# Rectangle

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



A37672



947E61



518A90



6485A1



# Sweetspot

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



A37672



D4C2C1



A372A0



6B605F



EBEBEB



6B6B6B



# Same Dimension

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



A37672



D48E87



A38E72



524A49



910C00



120100



# Inverse Universe

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



729FA3



87CDD4



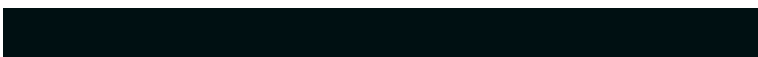
7287A3



495152



008591



001012



# Previews

## White Background



This preview shows how the Hex color A37672 looks on a white background.

## Color Contrast Check

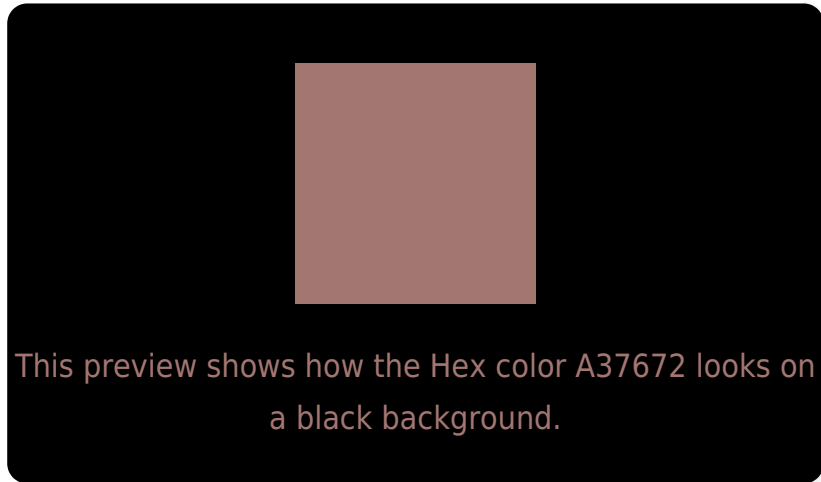
Large Text (above 18pt) WCAG AA ✓ Pass

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

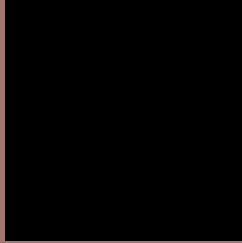
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A37672 Background



This preview shows how black text looks on a background with the Hex color A37672.



This preview shows how white text looks on a background with the Hex color A37672.

# 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**  
A37672

**Protanopia**  
868178

**Deuteranopia**  
947D71



**Tritanopia**  
A4747D

# Trichromacy



**Original Color**  
A37672

**Protanomaly**  
917D76

**Deuteranomaly**  
997A71

**Tritanomaly**  
A47579

# Monochromacy



**Original Color**  
A37672

**Achromatopsia**  
838383

**Achromatomaly**  
8F7E7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A37672 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 #A37672 looks like.

```
.text, #text, p{  
    color:#A37672  
}
```

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 #A37672 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A37672
}
```

## Border

The CSS property to change the border of an element to Hex A37672 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
#A37672 }
```

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

```
.border{ border-color:#A37672 }
```

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

Here you see how a box with a 4 pixel #A37672 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A37672; -webkit-box-shadow:4px 4px  
4px 4px #A37672; box-shadow:4px 4px 4px  
4px #A37672 }
```

# Background

The CSS property to change the background color of an element to Hex A37672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A37672 }
```

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

```
.background{ background-color:#A37672 }
```

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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