

# Converting Colors

Hex(A37632)

Have a look what the booklet for  
Hex(A37632) contains.

<b>Hex(A37632)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(A37632)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A37632
RGB	163, 118, 50
RGB Percent	64%, 46%, 20%
CMY	0.3608, 0.5373, 0.8039
CMYK	0.00, 0.28, 0.69, 0.36
HSL	36°, 53%, 42%
HSV	36°, 69%, 64%
XYZ	22.1584, 20.9737, 5.8981
YIQ	123.7030, 48.6480, -11.6080

# Conversions

## Conversions Part 2

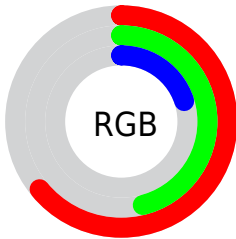
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 163, 50
Decimal	10712626
CIELab	52.92, 10.66, 43.15
CIELCh	53, 44.452, 76.127
Yxy	20.9737, 0.4519, 0.4278
Android (android.graphics.Color)	4288902706 (0xFFA37632)
YUV	123.7030, -36.3356, 34.4635
Hunter-Lab	45.7970, 6.2205, 24.4221

# Details

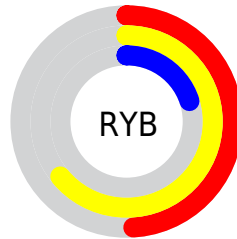
The Hex color **A37632** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **325FA3**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **DDAA64**, and **6B4600** is the 20% darker color. If you saturate the color by 10%, you get **A37022**, and if you desaturate by 10%, it is **A37C42**.

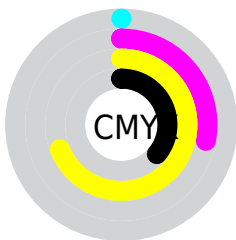
# Distribution



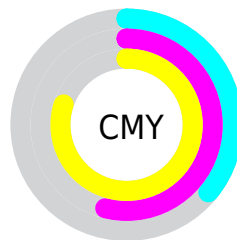
- Red (64%)
- Green (46%)
- Blue (20%)



- Red (49%)
- Yellow (64%)
- Blue (20%)



- Cyan (0%)
- Magenta (28%)
- Yellow (69%)
- Black (36%)



- Cyan (36%)
- Magenta (54%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A37632 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 A37632 by changing the saturation by 10% instead.





A37632



A37632

FFFFFF



875D19



DDAA64



6B4600



FBC57D



513000



FFE198



361B00



FFFEB3



1F0200



FFFFCF



000000



FFF FEB



A37632



A37632



A37022



A37C42

 A36911

 A38353

 A36301

 A38963

 A36200

 A39073

 A39684

 A39D94

 A3A3A4

 A3AAB4

 A3B0C5

# Harmonies

## Analogous

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



BC6849



A37632



808331

# Triad

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



A37632



009192



9B6CB4

# Complementary

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



A37632



325FA3

# 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.



627BC8



A37632



008FB5

# Square

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



A37632



00906B



0088C8



BC5F92

# Rectangle

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



A37632



64893E



0088C8



8B71BC



# Sweetspot

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



A37632



D4C2A7



A3325F



6B6050



EBEBEB



6B6B6B



# Same Dimension

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



A37632



D48E24



98A332



524E49



915700



120B00



# Inverse Universe

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



325FA3



246AD4



3D32A3



494D52



003A91



000712



# Previews

## White Background



This preview shows how the Hex color A37632 looks on a white background.

## Color Contrast Check

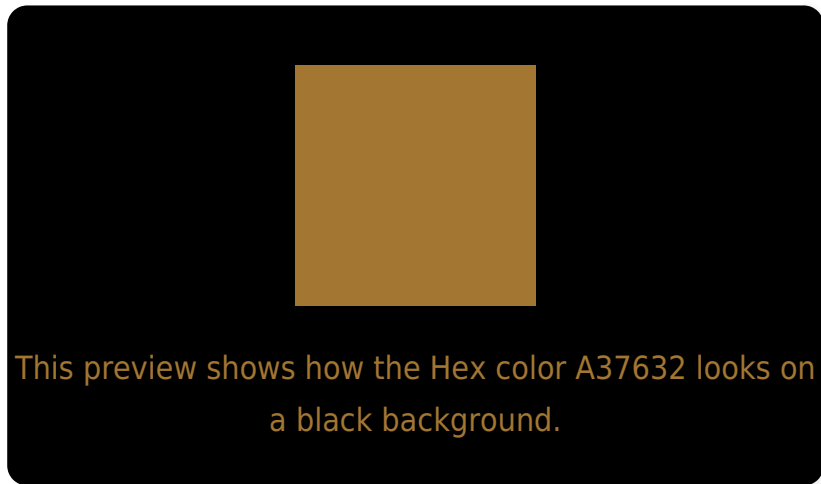
Large Text (above 18pt) WCAG AA ✓ Pass

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 A37632 Background



This preview shows how black text looks on a background with the Hex color A37632.



This preview shows how white text looks on a background with the Hex color A37632.

# 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**  
A37632

**Protanopia**  
8D7F35

**Deuteranopia**  
9E7831

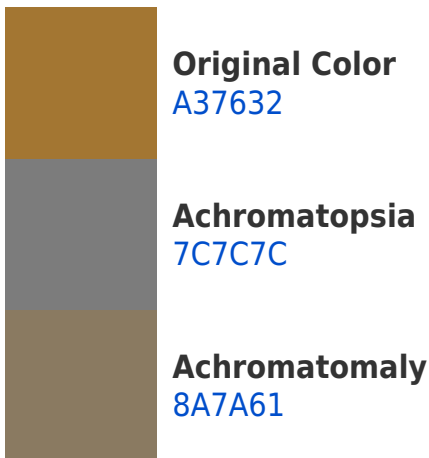


**Tritanopia**  
A86F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A37632 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 #A37632 looks like.

```
.text, #text, p{  
    color:#A37632  
}
```

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 #A37632 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A37632
}
```

## Border

The CSS property to change the border of an element to Hex A37632 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
#A37632 }
```

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

```
.border{ border-color:#A37632 }
```

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

Here you see how a box with a 4 pixel #A37632 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A37632; -webkit-box-shadow:4px 4px  
4px 4px #A37632; box-shadow:4px 4px 4px  
4px #A37632 }
```

# Background

The CSS property to change the background color of an element to Hex A37632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A37632 }
```

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

```
.background{ background-color:#A37632 }
```

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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