

# Converting Colors

Hex(A47432)

Have a look what the booklet for  
Hex(A47432) contains.

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**Color**

**Hex(A47432)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A47432
RGB	164, 116, 50
RGB Percent	64%, 45%, 20%
CMY	0.3569, 0.5451, 0.8039
CMYK	0.00, 0.29, 0.70, 0.36
HSL	35°, 53%, 42%
HSV	35°, 70%, 64%
XYZ	22.1310, 20.6136, 5.8300
YIQ	122.8280, 49.7940, -10.3500

# Conversions

## Conversions Part 2

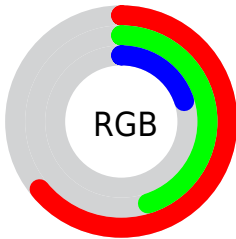
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 164, 50
Decimal	10777650
CIELab	52.52, 12.24, 42.76
CIElCh	53, 44.481, 74.026
Yxy	20.6136, 0.4556, 0.4244
Android (android.graphics.Color)	4288967730 (0xFFA47432)
YUV	122.8280, -35.9042, 36.1078
Hunter-Lab	45.4022, 7.5547, 24.1682

# Details

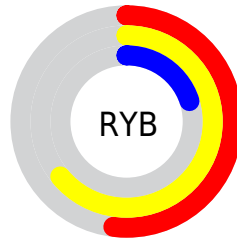
The Hex color **A47432** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3262A4**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **DEA863**, and **6C4400** is the 20% darker color. If you saturate the color by 10%, you get **A46D22**, and if you desaturate by 10%, it is **A47B42**.

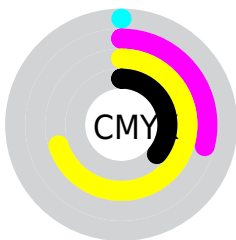
# Distribution



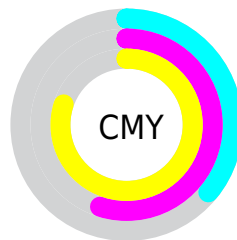
- Red (64%)
- Green (45%)
- Blue (20%)



- Red (52%)
- Yellow (64%)
- Blue (20%)



- Cyan (0%)
- Magenta (29%)
- Yellow (70%)
- Black (36%)



- Cyan (36%)
- Magenta (55%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A47432 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 A47432 by changing the saturation by 10% instead.





A47432



A47432

FFFFFF



885B19



DEA863



6C4400



FCC37D



522E00



FFDF98



371900



FFFCB3



1F0000



FFFFCF



000000



FFFFEB



A47432



A47432



A46D22



A47B42

 A46611

 A48253

 A45F01

 A48963

 A45F00

 A49074

 A49784

 A49D94

 A4A4A5

 A4ABB5

 A4B2C6

# Harmonies

## Analogous

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



BC664A



A47432



82812F

# Triad

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



A47432



00908F



976CB5

# Complementary

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



A47432



3262A4

# 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.



5B7BC7



A47432



008EB1

# Square

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



A47432



008F67



0087C6



B95F93

# Rectangle

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



A47432



66873B



0087C6



8671BD



# Sweetspot

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



A47432



D6C3A9



A43263



6B6050



EBEBEB



6B6B6B



# Same Dimension

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



A47432



D68B24



9CA432



524E49



915400



120A00



# Inverse Universe

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



3262A4



246FD6



3A32A4



494D52



003D91



000812



# Previews

## White Background



This preview shows how the Hex color A47432 looks on a white background.

## Color Contrast Check

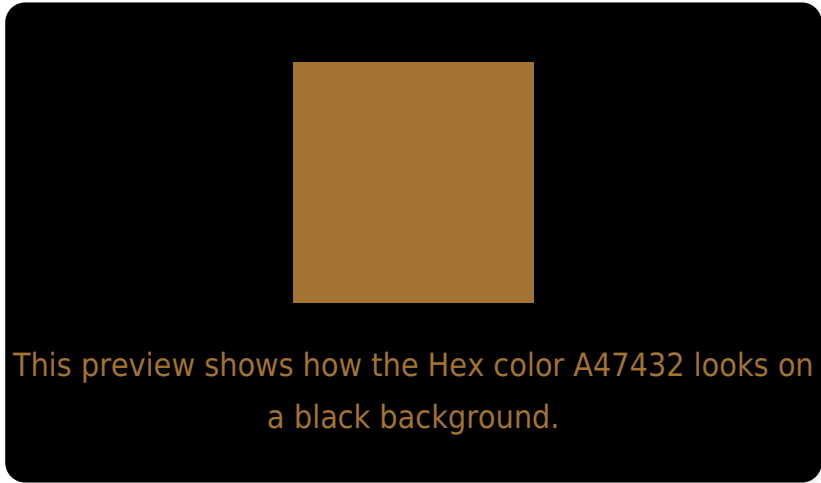
Large Text (above 18pt) WCAG AA ✓ Pass

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 A47432 Background



This preview shows how black text looks on a background with the Hex color A47432.



This preview shows how white text looks on a background with the Hex color A47432.

# 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**  
A47432

**Protanopia**  
8C7E35

**Deuteranopia**  
9C7731

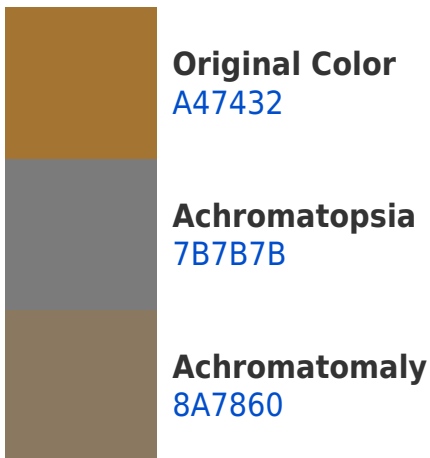


**Tritanopia**  
A96D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A47432 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 #A47432 looks like.

```
.text, #text, p{  
    color:#A47432  
}
```

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 #A47432 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A47432
}
```

## Border

The CSS property to change the border of an element to Hex A47432 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
#A47432 }
```

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

```
.border{ border-color:#A47432 }
```

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

Here you see how a box with a 4 pixel #A47432 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A47432; -webkit-box-shadow:4px 4px  
4px 4px #A47432; box-shadow:4px 4px 4px  
4px #A47432 }
```

# Background

The CSS property to change the background color of an element to Hex A47432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A47432 }
```

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

```
.background{ background-color:#A47432 }
```

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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