

# Converting Colors

Hex(AC7D24)

Have a look what the booklet for  
Hex(AC7D24) contains.

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# Color

Hex(AC7D24)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC7D24
RGB	172, 125, 36
RGB Percent	67%, 49%, 14%
CMY	0.3255, 0.5098, 0.8588
CMYK	0.00, 0.27, 0.79, 0.33
HSL	39°, 65%, 41%
HSV	39°, 79%, 67%
XYZ	24.6653, 23.5653, 4.9176
YIQ	128.9070, 56.5810, -17.7150

# Conversions

## Conversions Part 2

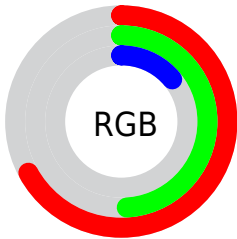
Format	Color
<a href="#">RYB</a>	108, 172, 36
Decimal	11304228
CIELab	55.65, 10.09, 52.31
CIELCh	56, 53.274, 79.085
Yxy	23.5653, 0.4641, 0.4434
Android (android.graphics.Color)	4289494308 (0xFFAC7D24)
YUV	128.9070, -45.8032, 37.7926
Hunter-Lab	48.5441, 5.7440, 27.9746

# Details

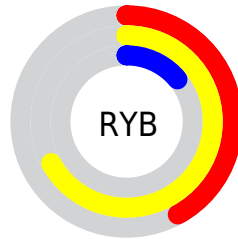
The Hex color **AC7D24** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2453AC**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **E7B158**, and **734C00** is the 20% darker color. If you saturate the color by 10%, you get **AC7713**, and if you desaturate by 10%, it is **AC8335**.

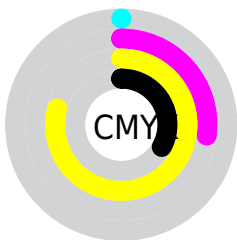
# Distribution



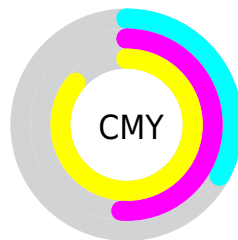
- Red (67%)
- Green (49%)
- Blue (14%)



- Red (42%)
- Yellow (67%)
- Blue (14%)



- Cyan (0%)
- Magenta (27%)
- Yellow (79%)
- Black (33%)



- Cyan (33%)
- Magenta (51%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC7D24 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 AC7D24 by changing the saturation by 10% instead.



 AC7D24

 AC7D24

FFFFFF

 8F6403

 E7B158

 734C00

 FFCD72

 583600

 FFE98D

 3D2100

 FFFFA8

 240C00

 FFFFC4

 000000

 FFFFEO

 FFFFFD

 AC7D24

 AC7D24

■ AC7713

■ AC8335

■ AC7102

■ AC8946

■ AC7100

■ AC8F58

■ AC9569

■ AC9B7A

■ ACA18B

■ ACA79C

■ ACADAE

■ ACB2BF

# Harmonies

## Analogous

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



CB6B41



AC7D24



818C25

# Triad

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



AC7D24



009CA2



AD6CC2

# Complementary

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



AC7D24



2453AC

# 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.



6780DD



AC7D24



0098CA

# Square

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



AC7D24



009B72



008FE0



D15D98

# Rectangle

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



AC7D24



5F9339



008FE0



9A73CD



# Sweetspot

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



AC7D24



E0CEAB



AC2454



706550



F0F0F0



707070



# Same Dimension

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



AC7D24



E0970B



98AC24



57544E



966200



170F00



# Inverse Universe

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



2453AC



0B55E0



3824AC



4E5157



003496

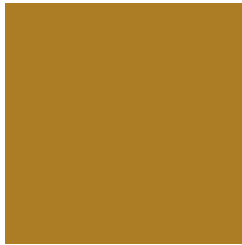


000817



# Previews

## White Background



This preview shows how the Hex color AC7D24 looks on a white background.

## Color Contrast Check

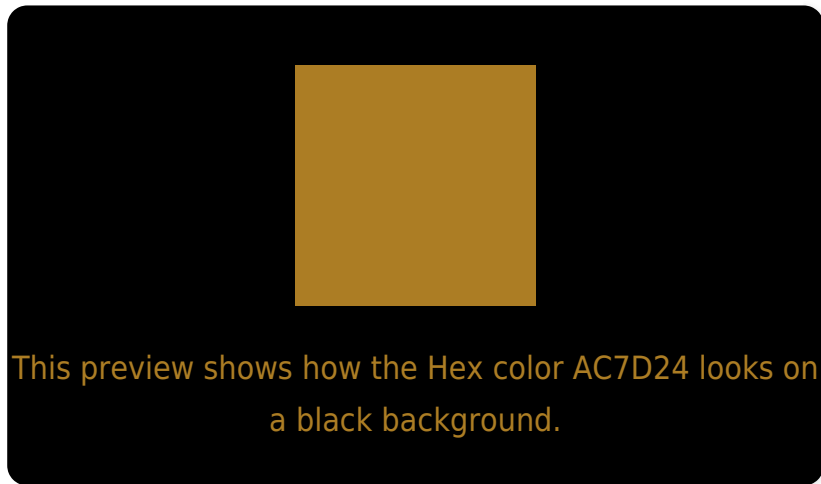
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC7D24 Background



This preview shows how black text looks on a background with the Hex color AC7D24.



This preview shows how white text looks on a background with the Hex color AC7D24.

# 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**  
AC7D24

**Protanopia**  
968626

**Deuteranopia**  
A87F23

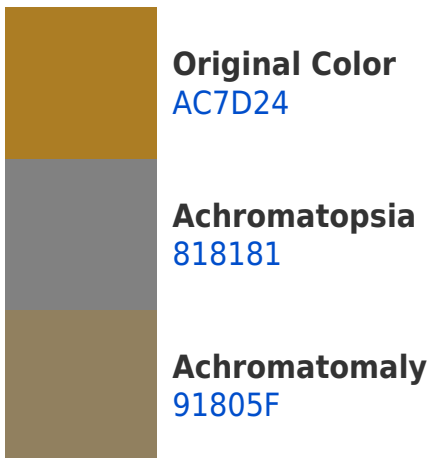


**Tritanopia**  
B1757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC7D24 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 #AC7D24 looks like.

```
.text, #text, p{  
    color:#AC7D24  
}
```

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 #AC7D24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC7D24
}
```

## Border

The CSS property to change the border of an element to Hex AC7D24 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
#AC7D24 }
```

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

```
.border{ border-color:#AC7D24 }
```

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

Here you see how a box with a 4 pixel #AC7D24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC7D24; -webkit-box-shadow:4px 4px  
4px 4px #AC7D24; box-shadow:4px 4px 4px  
4px #AC7D24 }
```

# Background

The CSS property to change the background color of an element to Hex AC7D24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC7D24 }
```

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

```
.background{ background-color:#AC7D24 }
```

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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