

# Converting Colors

Hex(AC6E26)

Have a look what the booklet for  
Hex(AC6E26) contains.

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**Color**

**Hex(AC6E26)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | AC6E26                     |
| RGB           | 172, 110, 38               |
| RGB Percent   | 67%, 43%, 15%              |
| CMY           | 0.3255, 0.5686, 0.8510     |
| CMYK          | 0.00, 0.36, 0.78, 0.33     |
| HSL           | 32°, 64%, 41%              |
| HSV           | 32°, 78%, 67%              |
| XYZ           | 22.9390, 20.0625, 4.4971   |
| YIQ           | 120.3300, 60.0640, -9.2480 |

# Conversions

## Conversions Part 2

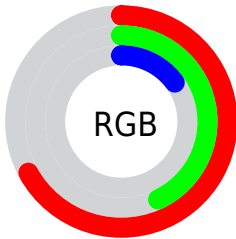
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 153, 172, 38                   |
| Decimal                             | 11300390                       |
| CIE <sub>Lab</sub>                  | 51.91, 18.60, 47.95            |
| CIE <sub>LCh</sub>                  | 52, 51.429, 68.802             |
| Yxy                                 | 20.0625, 0.4829,<br>0.4224     |
| Android<br>(android.graphics.Color) | 4289490470<br>(0xFFAC6E26)     |
| YUV                                 | 120.3300, -40.5887,<br>45.3146 |
| Hunter-Lab                          | 44.7911, 13.0313,<br>25.4009   |

# Details

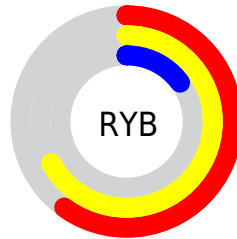
The Hex color **AC6E26** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2664AC**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **E8A258**, and **733E00** is the 20% darker color. If you saturate the color by 10%, you get **AC6615**, and if you desaturate by 10%, it is **AC7637**.

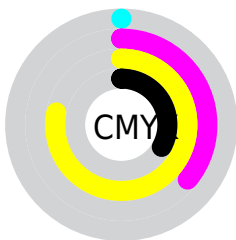
# Distribution



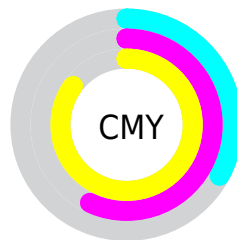
- Red (67%)
- Green (43%)
- Blue (15%)



- Red (60%)
- Yellow (67%)
- Blue (15%)



- Cyan (0%)
- Magenta (36%)
- Yellow (78%)
- Black (33%)



- Cyan (33%)
- Magenta (57%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC6E26 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 AC6E26 by changing the saturation by 10% instead.



 AC6E26

 AC6E26

FFFFFF

 8F560A

 E8A258

 733E00

 FFBD72

 572800

 FFD98C

 3C1300

 FFF5A7

 240000

 FFFFC3

 000000

 FFFFDF

 FFFFFC

 AC6E26

 AC6E26

■ AC6615

■ AC7637

■ AC5E04

■ AC7E48

■ AC5C00

■ AC865A

■ AC8E6B

■ AC967C

■ AC9E8D

■ ACA69E

■ ACAEB0

■ ACB6C1

# Harmonies

## Analogous

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



C55D47



AC6E26



877E1B

# Triad

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



AC6E26



009188



8F6AC1

# Complementary

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



AC6E26



2664AC

# 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.



387CD3



AC6E26



008FB2

# Square

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



AC6E26



008F5A



0089CE



BB599D

# Rectangle

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



AC6E26



698628



0089CE



7971C9



# Sweetspot

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



AC6E26



E0C9AD



AC2665



706251



F0F0F0



707070



# Same Dimension

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



AC6E26



E08010



A8AC26



57534E



965100



170C00



# Inverse Universe

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



2664AC



1070E0



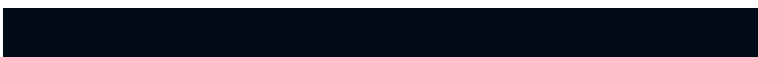
2A26AC



4E5257



004696



000B17



# Previews

## White Background



This preview shows how the Hex color AC6E26 looks on a white background.

## Color Contrast Check

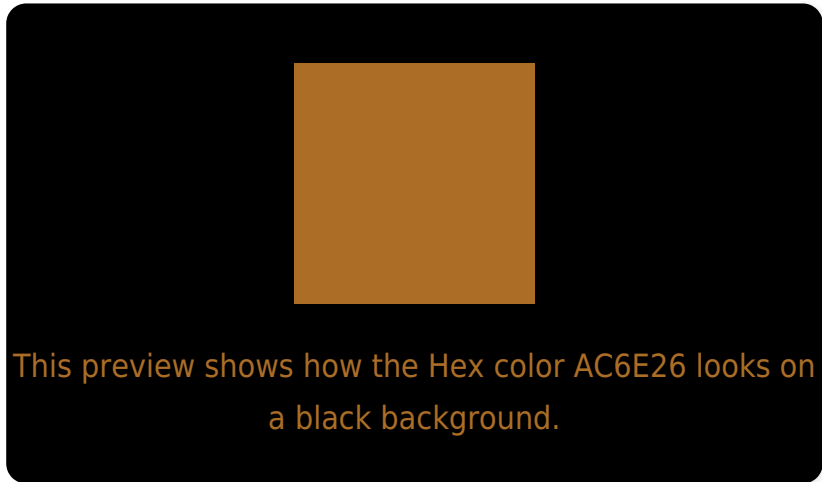
Large Text (above 18pt) WCAG AA ✓ Pass

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

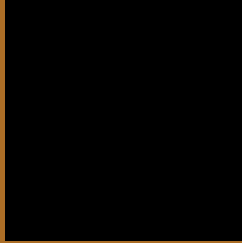
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AC6E26 Background



This preview shows how black text looks on a background with the Hex color AC6E26.



This preview shows how white text looks on a background with the Hex color AC6E26.

# 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**  
AC6E26

**Protanopia**  
8B7C2A

**Deuteranopia**  
9C7623



**Tritanopia**  
B0676F

# Trichromacy



**Original Color**  
AC6E26

**Protanomaly**  
977729

**Deuteranomaly**  
A27324

**Tritanomaly**  
AF6A54

# Monochromacy



**Original Color**  
AC6E26

**Achromatopsia**  
787878

**Achromatomaly**  
8B745A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC6E26 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 #AC6E26 looks like.

```
.text, #text, p{  
    color:#AC6E26  
}
```

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 #AC6E26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC6E26
}
```

## Border

The CSS property to change the border of an element to Hex AC6E26 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
#AC6E26 }
```

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

```
.border{ border-color:#AC6E26 }
```

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

Here you see how a box with a 4 pixel #AC6E26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC6E26; -webkit-box-shadow:4px 4px  
4px 4px #AC6E26; box-shadow:4px 4px 4px  
4px #AC6E26 }
```

# Background

The CSS property to change the background color of an element to Hex AC6E26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC6E26 }
```

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

```
.background{ background-color:#AC6E26 }
```

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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