

# Converting Colors

Hex(AC5B0A)

Have a look what the booklet for  
Hex(AC5B0A) contains.

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**Color**

**Hex(AC5B0A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC5B0A
RGB	172, 91, 10
RGB Percent	67%, 36%, 4%
CMY	0.3255, 0.6431, 0.9608
CMYK	0.00, 0.47, 0.94, 0.33
HSL	30°, 89%, 36%
HSV	30°, 94%, 67%
XYZ	20.8091, 16.2747, 2.3317
YIQ	105.9850, 74.2770, -8.0190

# Conversions

## Conversions Part 2

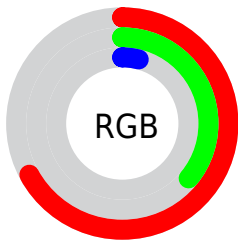
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 172, 10
Decimal	11295498
CIE <sub>Lab</sub>	47.33, 28.37, 53.65
CIE <sub>LCh</sub>	47, 60.692, 62.136
Yxy	16.2747, 0.5279, 0.4129
Android (android.graphics.Color)	4289485578 (0xFFAC5B0A)
YUV	105.9850, -47.3206, 57.8952
Hunter-Lab	40.3420, 21.4752, 24.8125

# Details

The Hex color **AC5B0A** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **0A5BAC**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **E98E42**, and **712B00** is the 20% darker color. If you saturate the color by 10%, you get **AC5600**, and if you desaturate by 10%, it is **AC641B**.

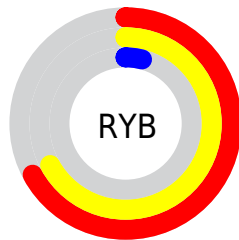
# Distribution



Red (67%)

Green (36%)

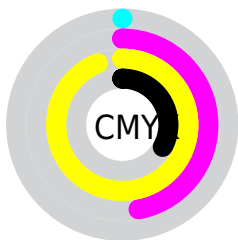
Blue (4%)



Red (67%)

Yellow (67%)

Blue (4%)

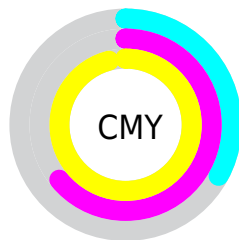


Cyan (0%)

Magenta (47%)

Yellow (94%)

Black (33%)



Cyan (33%)

Magenta (64%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC5B0A 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 AC5B0A by changing the saturation by 10% instead.



 AC5B0A

 AC5B0A

FFFFFF

 8E4300

 E98E42

 712B00

 FFA95B

 541400

 FFC475

 390000

 FFE090

 1F0001

 FFFDAB

 000000

 FFFFC7

 FFFF E3

 AC5B0A

 AC5B0A

■ AC5600

■ AC641B

■ AC6C2C

■ AC753E

■ AC7D4F

■ AC8660

■ AC8F71

■ AC9782

■ ACA094

■ ACA8A5

# Harmonies

## Analogous

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



C5433D



AC5B0A



846F00

# Triad

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



AC5B0A



008773



7261C8

# Complementary

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



AC5B0A



0A5BAC

# 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.



0075D7



AC5B0A



0087A6

# Square

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



AC5B0A



00843D



0082CB



B047A1

# Rectangle

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



AC5B0A



637900



0082CB



5069D0



# Sweetspot

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



AC5B0A



E0C1A2



AC0A5B



705D4A



F0F0F0



707070



# Same Dimension

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



AC5B0A



E07000



ACA90A



57524E



964B00



170B00



# Inverse Universe

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



0A5BAC



0070E0



0A0AAC



4E5257



004B96



000B17



# Previews

## White Background



This preview shows how the Hex color AC5B0A looks on a white background.

## Color Contrast Check

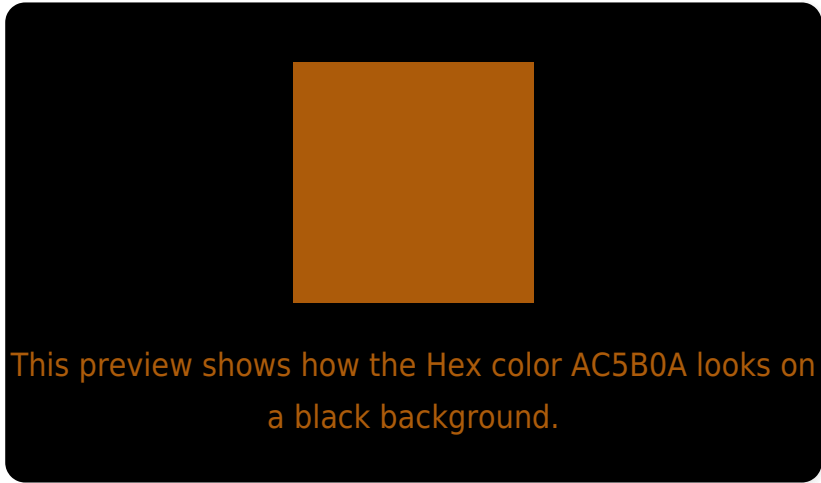
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex AC5B0A Background



This preview shows how black text looks on a background with the Hex color AC5B0A.



This preview shows how white text looks on a background with the Hex color AC5B0A.

# 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**  
AC5B0A

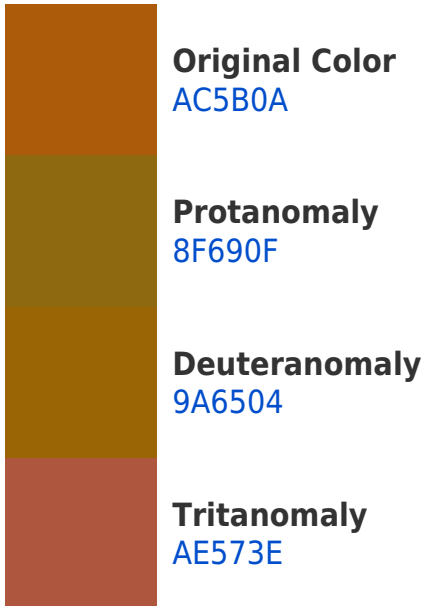
**Protanopia**  
7F7112

**Deuteranopia**  
8F6B00

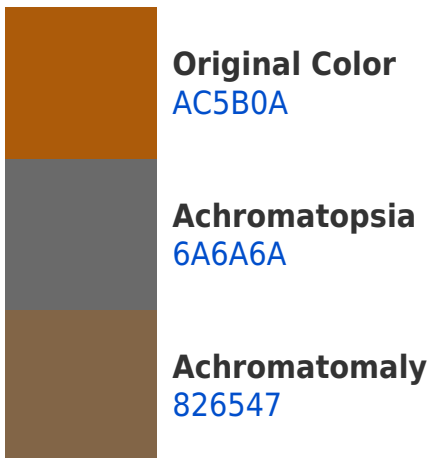


**Tritanopia**  
AF555B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC5B0A 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 #AC5B0A looks like.

```
.text, #text, p{  
    color:#AC5B0A  
}
```

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 #AC5B0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC5B0A
}
```

## Border

The CSS property to change the border of an element to Hex AC5B0A 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
#AC5B0A }
```

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

```
.border{ border-color:#AC5B0A }
```

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

Here you see how a box with a 4 pixel #AC5B0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC5B0A; -webkit-box-shadow:4px 4px  
4px 4px #AC5B0A; box-shadow:4px 4px 4px  
4px #AC5B0A }
```

# Background

The CSS property to change the background color of an element to Hex AC5B0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC5B0A }
```

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

```
.background{ background-color:#AC5B0A }
```

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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