

# Converting Colors

Hex(AC5634)

Have a look what the booklet for  
Hex(AC5634) contains.

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**Color**

**Hex(AC5634)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | AC5634                    |
| RGB           | 172, 86, 52               |
| RGB Percent   | 67%, 34%, 20%             |
| CMY           | 0.3255, 0.6627, 0.7961    |
| CMYK          | 0.00, 0.50, 0.70, 0.33    |
| HSL           | 17°, 54%, 44%             |
| HSV           | 17°, 70%, 67%             |
| XYZ           | 20.9609, 15.6742, 5.1695  |
| YIQ           | 107.8380, 62.1700, 7.6580 |

# Conversions

## Conversions Part 2

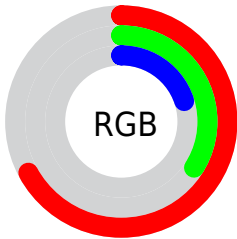
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">172, 99, 52</a>                                  |
| Decimal                             | <a href="#">11294260</a>                                     |
| CIELab                              | <a href="#">46.54, 32.50, 35.41</a>                          |
| CIElCh                              | <a href="#">47, 48.065, 47.460</a>                           |
| Yxy                                 | <a href="#">15.6742, 0.5014, 0.3749</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4289484340</a><br>( <a href="#">0xFFAC5634</a> ) |
| YUV                                 | <a href="#">107.8380, -27.5281, 56.2701</a>                  |
| Hunter-Lab                          | <a href="#">39.5906, 25.2216, 19.9718</a>                    |

# Details

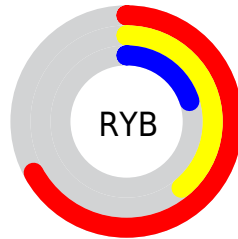
The Hex color **AC5634** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **348AAC**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **E88964**, and **722506** is the 20% darker color. If you saturate the color by 10%, you get **AC4A23**, and if you desaturate by 10%, it is **AC6245**.

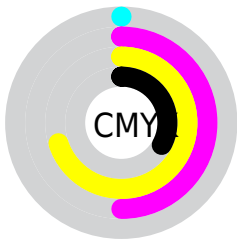
# Distribution



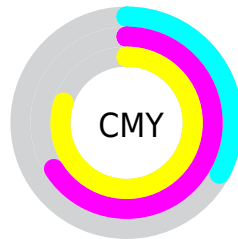
- Red (67%)
- Green (34%)
- Blue (20%)



- Red (67%)
- Yellow (39%)
- Blue (20%)



- Cyan (0%)
- Magenta (50%)
- Yellow (70%)
- Black (33%)



- Cyan (33%)
- Magenta (66%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC5634 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 AC5634 by changing the saturation by 10% instead.



 AC5634

 AC5634

FFFFFF

 8F3D1D

 E88964

 722506

 FFA47D

 560B00

 FFC097

 3A0000

 FFDCB2

 1F0001

 FFF9CE

 000000

 FFFFEA

 AC5634

 AC5634

 AC4A23

 AC6245

■ AC3D12

■ AC6F56

■ AC3100

■ AC7B68

■ AC8779

■ AC948A

■ ACA09B

■ ACACAC

■ ACB9BE

■ ACC5CF

# Harmonies

## Analogous

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



B84958



AC5634



916619

# Triad

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



AC5634



00815B



4F6BBC

# Complementary

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



AC5634



348AAC

# 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.



0078BD



AC5634



008285

# Square

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



AC5634



3D7C35



007FA9



8E59A5

# Rectangle

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



AC5634



7A7014



007FA9



2870BE



# Sweetspot

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



AC5634



E0FBF1



AC348A



705C54



F0F0F0



707070



# Same Dimension

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



AC5634



E05924



AC9234



57504E



962B00



170700



# Inverse Universe

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



348AAC



24ABE0



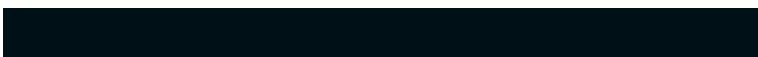
344EAC



4E5457



006C96

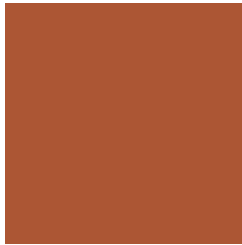


001017



# Previews

## White Background



This preview shows how the Hex color AC5634 looks on a white background.

## Color Contrast Check

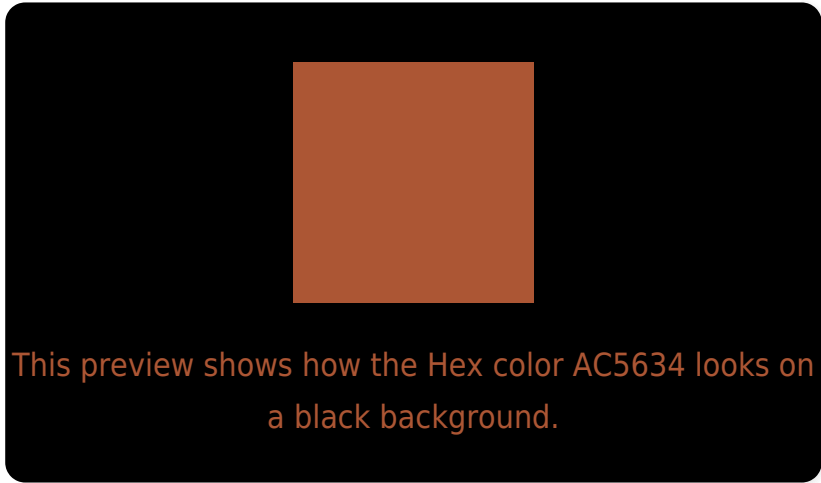
Large Text (above 18pt) WCAG AA ✓ Pass

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

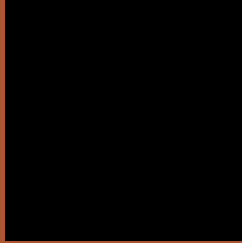
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AC5634 Background



This preview shows how black text looks on a background with the Hex color AC5634.



This preview shows how white text looks on a background with the Hex color AC5634.

# 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**  
AC5634

**Protanopia**  
7A6F3C

**Deuteranopia**  
8A692F



# Trichromacy



**Original Color**  
AC5634

**Protanomaly**  
8C6639

**Deuteranomaly**  
966231

**Tritanomaly**  
AD534A

# Monochromacy



**Original Color**  
AC5634

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
836458

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC5634 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 #AC5634 looks like.

```
.text, #text, p{  
    color:#AC5634  
}
```

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 #AC5634 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC5634
}
```

## Border

The CSS property to change the border of an element to Hex AC5634 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
#AC5634 }
```

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

```
.border{ border-color:#AC5634 }
```

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

Here you see how a box with a 4 pixel #AC5634 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC5634; -webkit-box-shadow:4px 4px  
4px 4px #AC5634; box-shadow:4px 4px 4px  
4px #AC5634 }
```

# Background

The CSS property to change the background color of an element to Hex AC5634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC5634 }
```

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

```
.background{ background-color:#AC5634 }
```

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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