

Converting Colors

Hex(AC5658)

Have a look what the booklet for
Hex(AC5658) contains.

Hex(AC5658)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AC5658)

Conversions

Conversions Part 1

Format	Color
Hex	AC5658
RGB	172, 86, 88
RGB Percent	67%, 34%, 35%
CMY	0.3255, 0.6627, 0.6549
CMYK	0.00, 0.50, 0.49, 0.33
HSL	359°, 34%, 51%
HSV	359°, 50%, 67%
XYZ	22.1025, 16.1308, 11.1811
YIQ	111.9420, 50.6140, 18.8540

Conversions

Conversions Part 2

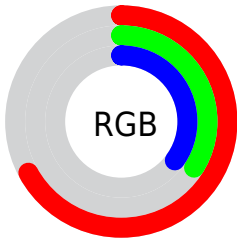
Format	Color
RYB	172, 86, 88
Decimal	11294296
CIELab	47.15, 35.29, 15.22
CIElCh	47, 38.432, 23.322
Yxy	16.1308, 0.4473, 0.3264
Android (android.graphics.Color)	4289484376 (0xFFAC5658)
YUV	111.9420, -11.8034, 52.6709
Hunter-Lab	40.1632, 27.9461, 11.6083

Details

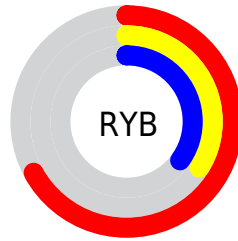
The Hex color **AC5658** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **56ACAA**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **E68A8A**, and **74242B** is the 20% darker color. If you saturate the color by 10%, you get **AC4547**, and if you desaturate by 10%, it is **AC6769**.

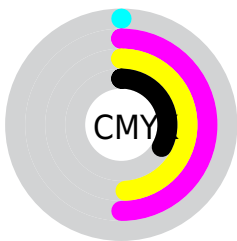
Distribution



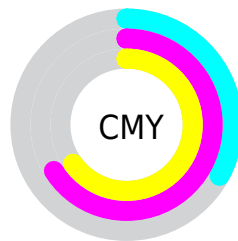
- Red (67%)
- Green (34%)
- Blue (35%)



- Red (67%)
- Yellow (34%)
- Blue (35%)



- Cyan (0%)
- Magenta (50%)
- Yellow (49%)
- Black (33%)



- Cyan (33%)
- Magenta (66%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC5658 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 AC5658 by changing the saturation by 10% instead.

 AC5658

 AC5658

FFFFFF

 903D41

 E68A8A

 74242B

 FFA5A4

 580816

 FFC0BF

 3E0000

 FFDDDB

 250001

 FFF9F8

 000000

 AC5658

 AC5658

 AC4547

 AC6769

 AC3436

 AC787A

 AC2226

 AC8A8A

 AC1115

 AC9B9B

 AC0004

 ACACAC

 ACBDBD

 ACCECE

 ACE0DE

 ACF1EF

Harmonies

Analogous

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



A85578



AC5658



A0603D

Triad

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



AC5658



437C48



1875B0

Complementary

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



AC5658



56ACAA

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.



007DA3



AC5658



008067

Square

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



AC5658



6A7632



008088



666AAB

Rectangle

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



AC5658



926831



008088



0078AD

Sweetspot

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



AC5658



E0BFC0



A956AC



705C5C



F0F0F0



707070

Same Dimension

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



AC5658



E05A5D



AC7E56



574E4E



960003



170001

Inverse Universe

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



AC5658



E05A5D



5684AC



574E4E



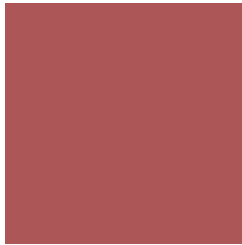
960003



170001

Previews

White Background



This preview shows how the Hex color AC5658 looks on a white background.

Color Contrast Check

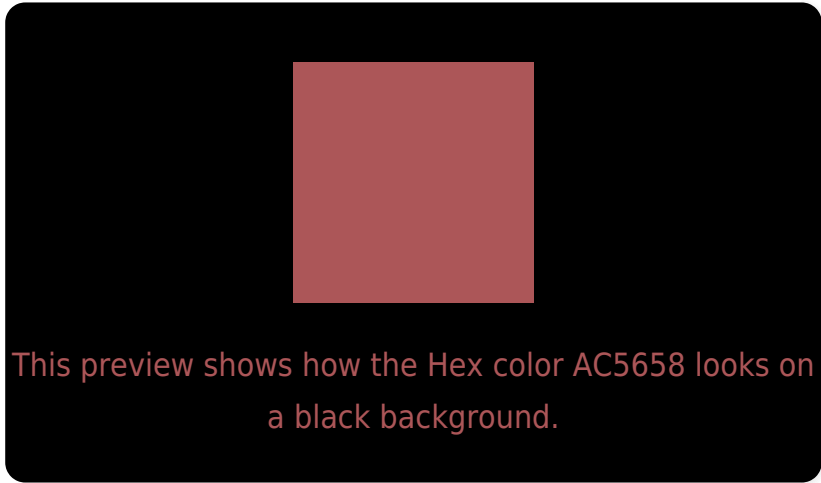
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC5658 Background



This preview shows how black text looks on a background with the Hex color AC5658.

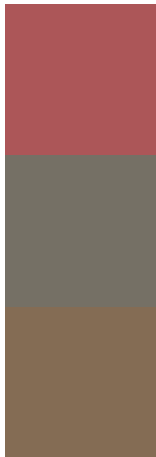


This preview shows how white text looks on a background with the Hex color AC5658.

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
AC5658

Protanopia
757065

Deuteranopia
846C54

Trichromacy



Original Color
AC5658

Protanomaly
896760

Deuteranomaly
936455

Tritanomaly
AC555A

Monochromacy



Original Color
AC5658

Achromatopsia
707070

Achromatomaly
866767

CSS Examples

Text

The CSS property to change the color of the text to Hex AC5658 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 #AC5658 looks like.

```
.text, #text, p{  
    color:#AC5658  
}
```

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 #AC5658 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC5658
}
```

Border

The CSS property to change the border of an element to Hex AC5658 is called "border". The border property can be set on classes, ids or directly on the HTML element.

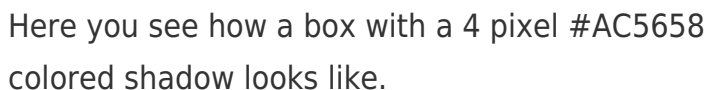
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC5658 }
```

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

```
.border{ border-color:#AC5658 }
```

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



Here you see how a box with a 4 pixel #AC5658 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC5658; -webkit-box-shadow:4px 4px  
4px 4px #AC5658; box-shadow:4px 4px 4px  
4px #AC5658 }
```

Background

The CSS property to change the background color of an element to Hex AC5658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC5658 }
```

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

```
.background{ background-color:#AC5658 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor