

Converting Colors

Hex(AC5677)

Have a look what the booklet for
Hex(AC5677) contains.

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Color

Hex(AC5677)

Conversions

Conversions Part 1

Format	Color
Hex	AC5677
RGB	172, 86, 119
RGB Percent	67%, 34%, 47%
CMY	0.3255, 0.6627, 0.5333
CMYK	0.00, 0.50, 0.31, 0.33
HSL	337°, 34%, 51%
HSV	337°, 50%, 67%
XYZ	23.6708, 16.7581, 19.4398
YIQ	115.4760, 40.6630, 28.4950

Conversions

Conversions Part 2

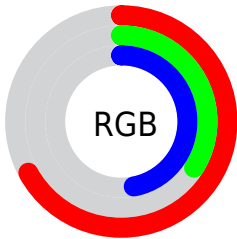
Format	Color
R_{YB}	172, 86, 119
Decimal	11294327
CIE _{Lab}	47.95, 38.91, -2.35
CIE _{LCh}	48, 38.986, 356.540
Yxy	16.7581, 0.3954, 0.2799
Android (android.graphics.Color)	4289484407 (0xFFAC5677)
YUV	115.4760, 1.7373, 49.5715
Hunter-Lab	40.9367, 31.5747, 0.5004

Details

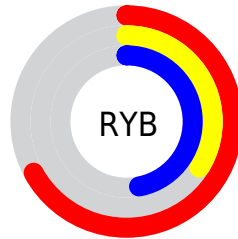
The Hex color **AC5677** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **56AC8B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **E68AAB**, and **752347** is the 20% darker color. If you saturate the color by 10%, you get **AC456C**, and if you desaturate by 10%, it is **AC6782**.

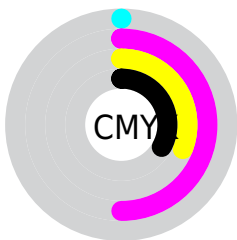
Distribution



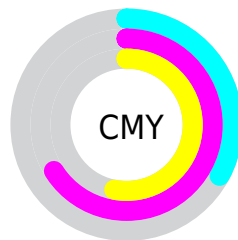
- Red (67%)
- Green (34%)
- Blue (47%)



- Red (67%)
- Yellow (34%)
- Blue (47%)



- Cyan (0%)
- Magenta (50%)
- Yellow (31%)
- Black (33%)



- Cyan (33%)
- Magenta (66%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC5677 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 AC5677 by changing the saturation by 10% instead.

 AC5677

 AC5677

FFFFFF

 903D5E

 E68AAB

 752347

 FFA5C6

 5A0530

 FFC1E2

 40001C

 FFDDFF

 2B0001

 FFFAFF

 000000

 AC5677

 AC5677

 AC456C

 AC6782

 AC3462

 AC788C

 AC2257

 AC8A97

 AC114D

 AC9BA1

 AC0042

 ACACAC

 ACBDB7

 ACCEC1

 ACE0CC

 ACF1D6

Harmonies

Analogous

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



975E97



AC5677



AF5856

Triad

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



AC5677



687934



007EA8

Complementary

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



AC5677



56AC8B

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.



00828E



AC5677



3F7F4C

Square

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



AC5677



886F2E



00826D



2776B3

Rectangle

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



AC5677



A75F43



00826D



0080A1

Sweetspot

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



AC5677



E0BFCC



8A56AC



705C64



F0F0F0



707070

Same Dimension

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



AC5677



E05A8D



AC5F56



574E51



96003A



170009

Inverse Universe

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



AC5677



E05A8D



56A3AC



574E51



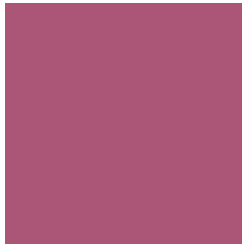
96003A



170009

Previews

White Background



This preview shows how the Hex color AC5677 looks on a white background.

Color Contrast Check

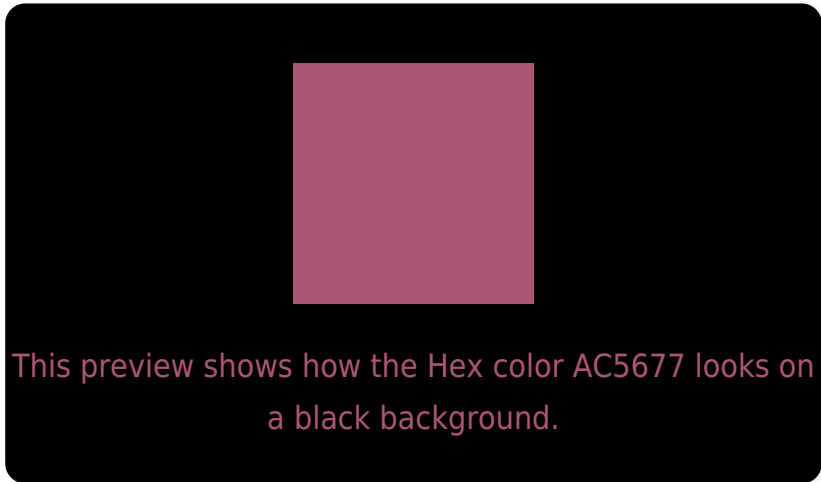
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC5677 Background



This preview shows how black text looks on a background with the Hex color AC5677.

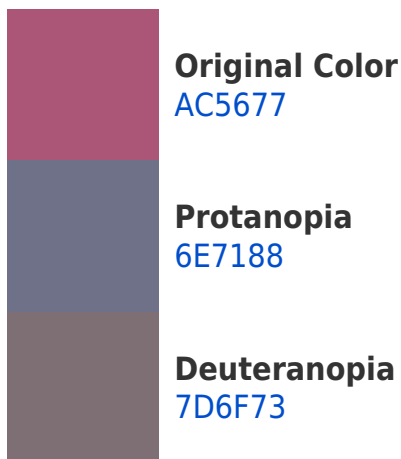


This preview shows how white text looks on a background with the Hex color AC5677.

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





Tritanopia
AA5A61

Trichromacy



Original Color
AC5677

Protanomaly
856782

Deuteranomaly
8E6674

Tritanomaly
AB5969

Monochromacy



Original Color
AC5677

Achromatopsia
737373

Achromatomaly
886874

CSS Examples

Text

The CSS property to change the color of the text to Hex AC5677 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 #AC5677 looks like.

```
.text, #text, p{  
    color:#AC5677  
}
```

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 #AC5677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC5677  
}
```

Border

The CSS property to change the border of an element to Hex AC5677 is called "border". The border property can be set on classes, ids or directly on the HTML element.

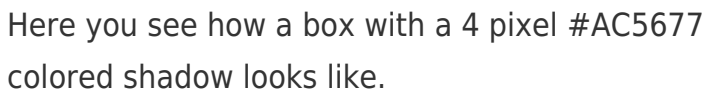
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AC5677 }
```

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

```
.border{ border-color:#AC5677 }
```

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



Here you see how a box with a 4 pixel `#AC5677` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC5677; -webkit-box-shadow:4px 4px  
4px 4px #AC5677; box-shadow:4px 4px 4px  
4px #AC5677 }
```

Background

The CSS property to change the background color of an element to Hex AC5677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC5677 }
```

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

```
.background{ background-color:#AC5677 }
```

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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