

Converting Colors

Hex(AC55C6)

Have a look what the booklet for
Hex(AC55C6) contains.

Hex(AC55C6)	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(AC55C6)

Conversions

Conversions Part 1

Format	Color
Hex	AC55C6
RGB	172, 85, 198
RGB Percent	67%, 33%, 78%
CMY	0.3255, 0.6667, 0.2235
CMYK	0.13, 0.57, 0.00, 0.22
HSL	286°, 50%, 55%
HSV	286°, 57%, 78%
XYZ	30.4548, 19.3449, 55.5549
YIQ	123.8950, 15.5790, 53.5870

Conversions

Conversions Part 2

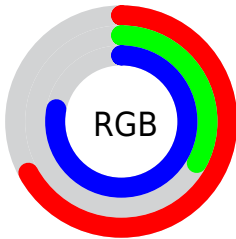
Format	Color
RYB	172, 85, 198
Decimal	11294150
CIELab	51.09, 52.97, -44.15
CIELCh	51, 68.954, 320.192
Yxy	19.3449, 0.2891, 0.1836
Android (android.graphics.Color)	4289484230 (0xFFAC55C6)
YUV	123.8950, 36.5338, 42.1881
Hunter-Lab	43.9828, 46.6280, -44.1015

Details

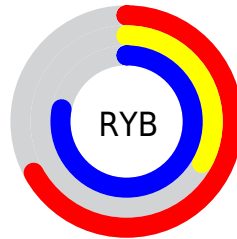
The Hex color **AC55C6** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **6FC655**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **E68AFF**, and **751E8F** is the 20% darker color. If you saturate the color by 10%, you get **A741C6**, and if you desaturate by 10%, it is **B169C6**.

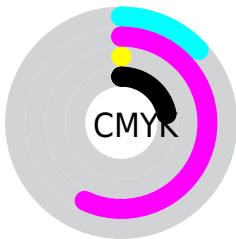
Distribution



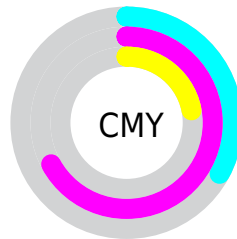
- Red (67%)
- Green (33%)
- Blue (78%)



- Red (67%)
- Yellow (33%)
- Blue (78%)



- Cyan (13%)
- Magenta (57%)
- Yellow (0%)
- Black (22%)



- Cyan (33%)
- Magenta (67%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC55C6 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 AC55C6 by changing the saturation by 10% instead.

 AC55C6

 AC55C6

FFFFFF

 903AAA

 E68AFF

 751E8F

 FFA6FF

 5A0075

 FFC2FF

 3F005C

 FFDFFF

 280044

 FFFCFF

 00002D

 000117

 000000

 AC55C6

 AC55C6

 A741C6

 B169C6

 A32DC6

 B57DC6

 9E1AC6

 BA90C6

 9A06C6

 BEA4C6

 9800C6

 C3B8C6

 C7CCC6

 CCE0C6

 D0F3C6

 D5FFC6

Harmonies

Analogous

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



4573E9



AC55C6



D83890

Triad

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



AC55C6



A37000



0094A1

Complementary

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



AC55C6



6FC655

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.



009264



AC55C6



6D8300

Square

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



AC55C6



CB551C



088D25



0091D4

Rectangle

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



AC55C6



E03468



088D25



00948D

Sweetspot

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



AC55C6



F5D4FF



556FC6



7A6680



000000



808080

Same Dimension

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



AC55C6



D752FF



C655A8



615A63



7E00A3



1B0024

Inverse Universe

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



C6556F



FF5279



55C673



635A5C



A30026



240008

Previews

White Background



This preview shows how the Hex color AC55C6 looks on a white background.

Color Contrast Check

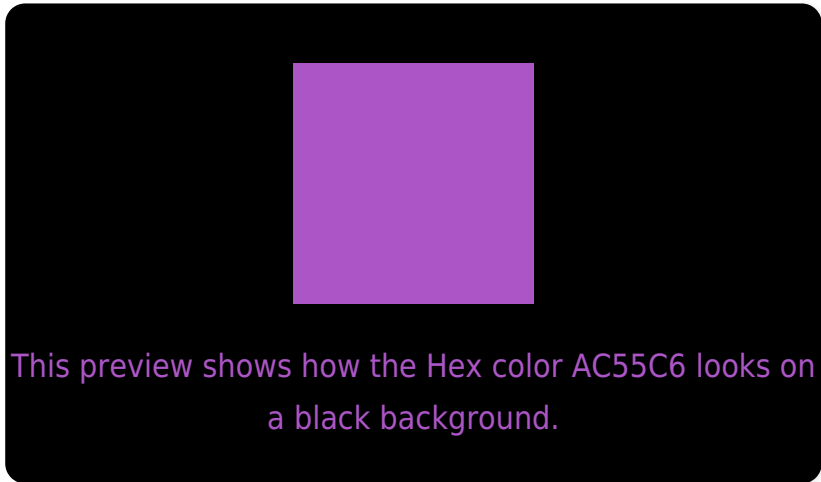
Large Text (above 18pt) WCAG AA ✓ Pass

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

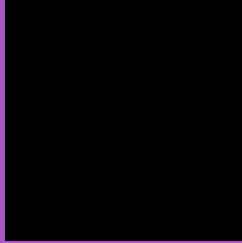
Any Text WCAG AA ✓ Pass

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 AC55C6 Background



This preview shows how black text looks on a background with the Hex color AC55C6.

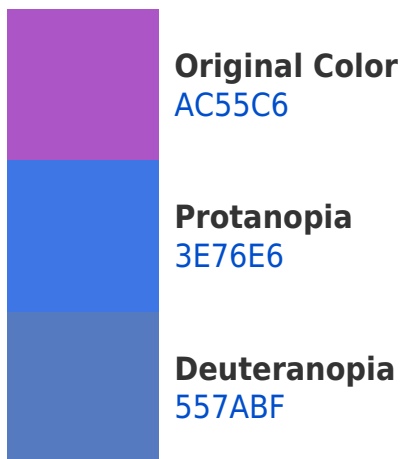



This preview shows how white text looks on a background with the Hex color AC55C6.

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](#).

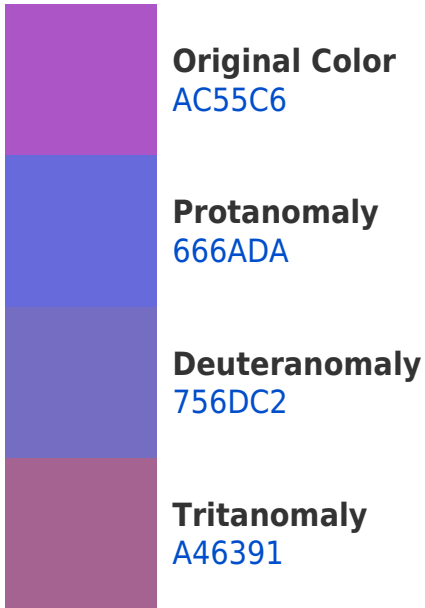
Dichromacy



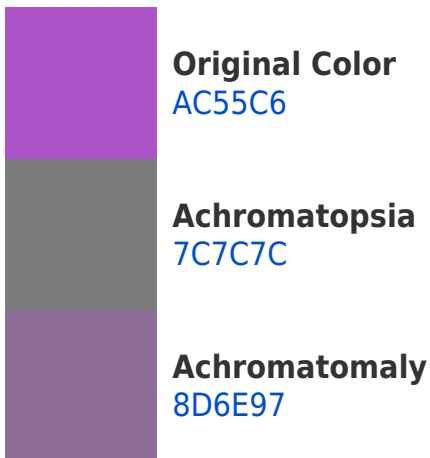


Tritanopia
A06B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC55C6 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 #AC55C6 looks like.

```
.text, #text, p{  
    color:#AC55C6  
}
```

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 #AC55C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC55C6
}
```

Border

The CSS property to change the border of an element to Hex AC55C6 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
#AC55C6 }
```

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

```
.border{ border-color:#AC55C6 }
```

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

Here you see how a box with a 4 pixel #AC55C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC55C6; -webkit-box-shadow:4px 4px  
4px 4px #AC55C6; box-shadow:4px 4px 4px  
4px #AC55C6 }
```

Background

The CSS property to change the background color of an element to Hex AC55C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC55C6 }
```

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

```
.background{ background-color:#AC55C6 }
```

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