

# Converting Colors

Hex(AC5981)

Have a look what the booklet for  
Hex(AC5981) contains.

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# Color

**Hex(AC5981)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC5981
RGB	172, 89, 129
RGB Percent	67%, 35%, 51%
CMY	0.3255, 0.6510, 0.4941
CMYK	0.00, 0.48, 0.25, 0.33
HSL	331°, 33%, 51%
HSV	331°, 48%, 67%
XYZ	24.5481, 17.5004, 22.8530
YIQ	118.3770, 36.6280, 30.0360

# Conversions

## Conversions Part 2

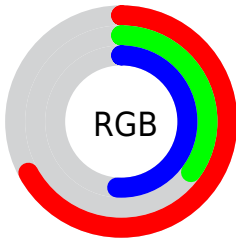
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 89, 129
Decimal	11295105
CIE Lab	48.88, 38.74, -6.99
CIE LCh	49, 39.368, 349.777
Yxy	17.5004, 0.3782, 0.2696
Android (android.graphics.Color)	4289485185 (0xFFAC5981)
YUV	118.3770, 5.2371, 47.0274
Hunter-Lab	41.8335, 31.5361, -3.1058

# Details

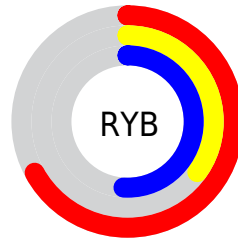
The Hex color **AC5981** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **59AC84**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **E58DB6**, and **752650** is the 20% darker color. If you saturate the color by 10%, you get **AC4878**, and if you desaturate by 10%, it is **AC6A8A**.

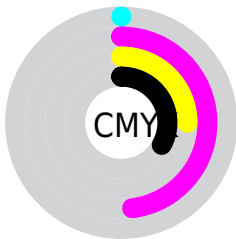
# Distribution



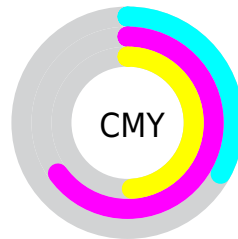
- Red (67%)
- Green (35%)
- Blue (51%)



- Red (67%)
- Yellow (35%)
- Blue (51%)



- Cyan (0%)
- Magenta (48%)
- Yellow (25%)
- Black (33%)



- Cyan (33%)
- Magenta (65%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC5981 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 AC5981 by changing the saturation by 10% instead.



AC5981

AC5981

FFFFFF

904068

E58DB6

752650

FFA8D1

5B0A39

FFC4EE

410023

FFE1FF

2C000D

FFFEFF

000000

AC5981

AC5981

AC4878

AC6A8A

AC376F

AC7B93

 AC2566

 AC8D9C

 AC145D

 AC9EA5

 AC0354

 ACAFAE

 AC0053

 ACC0B6

 ACD1BF

 ACE3C8

 ACF4D1

# Harmonies

## Analogous

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



9263A0



AC5981



B3595F

# Triad

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



AC5981



727933



0082A6

# Complementary

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



AC5981



59AC84

# 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.



00858A



AC5981



4B8047

# Square

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



AC5981



916E31



008467



007BB5

# Rectangle

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



AC5981



AD5E4B



008467



00839E



# Sweetspot

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



AC5981



E0C1D0



8459AC



705D66



F0F0F0



707070



# Same Dimension

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



AC5981



E05E9D



AC5A59



574E52



960049



17000B



# Inverse Universe

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



AC5981



E05E9D



59ABAC



574E52



960049

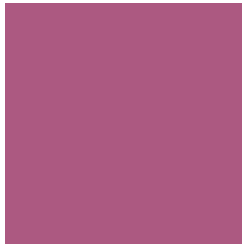


17000B



# Previews

## White Background



This preview shows how the Hex color AC5981 looks on a white background.

## Color Contrast Check

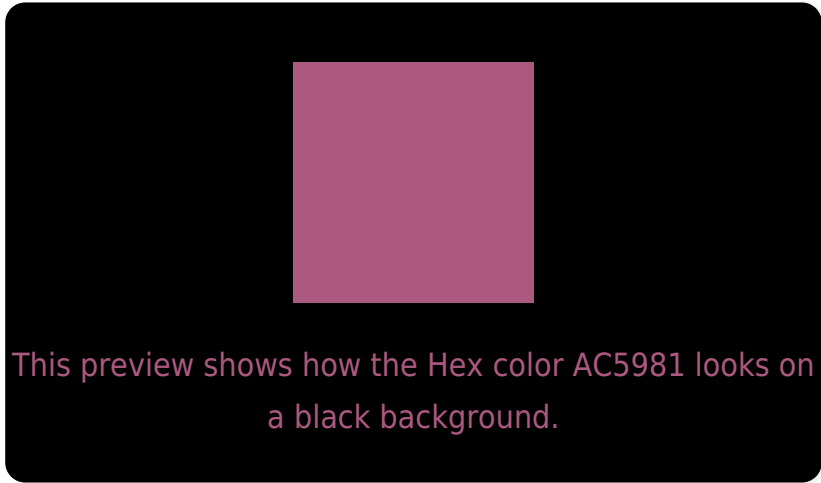
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 AC5981 Background



This preview shows how black text looks on a background with the Hex color AC5981.

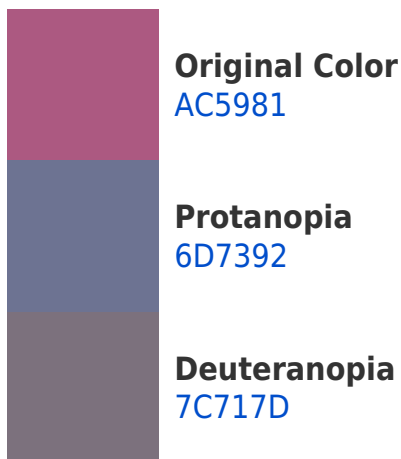


This preview shows how white text looks on a background with the Hex color AC5981.

# 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**  
A95E65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC5981 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 #AC5981 looks like.

```
.text, #text, p{  
    color:#AC5981  
}
```

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 #AC5981 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC5981
}
```

## Border

The CSS property to change the border of an element to Hex AC5981 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
#AC5981 }
```

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

```
.border{ border-color:#AC5981 }
```

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

Here you see how a box with a 4 pixel #AC5981 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC5981; -webkit-box-shadow:4px 4px  
4px 4px #AC5981; box-shadow:4px 4px 4px  
4px #AC5981 }
```

# Background

The CSS property to change the background color of an element to Hex AC5981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC5981 }
```

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

```
.background{ background-color:#AC5981 }
```

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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