

Converting Colors

Hex(AC56B5)

Have a look what the booklet for
Hex(AC56B5) contains.

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Color

Hex(AC56B5)

Conversions

Conversions Part 1

Format	Color
Hex	AC56B5
RGB	172, 86, 181
RGB Percent	67%, 34%, 71%
CMY	0.3255, 0.6627, 0.2902
CMYK	0.05, 0.52, 0.00, 0.29
HSL	294°, 39%, 52%
HSV	294°, 52%, 71%
XYZ	28.6815, 18.7624, 45.8259
YIQ	122.5440, 20.7610, 47.7770

Conversions

Conversions Part 2

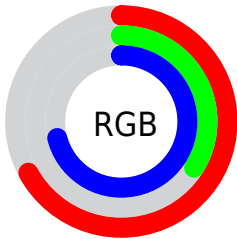
Format	Color
R_{YB}	172, 86, 181
Decimal	11294389
CIE _{Lab}	50.41, 49.13, -35.38
CIE _{LCh}	50, 60.545, 324.237
Yxy	18.7624, 0.3075, 0.2012
Android (android.graphics.Color)	4289484469 (0xFFAC56B5)
YUV	122.5440, 28.8188, 43.3729
Hunter-Lab	43.3156, 42.3918, -32.4051

Details

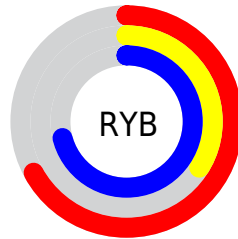
The Hex color **AC56B5** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **5FB556**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **E58BED**, and **752180** is the 20% darker color. If you saturate the color by 10%, you get **AA44B5**, and if you desaturate by 10%, it is **AE68B5**.

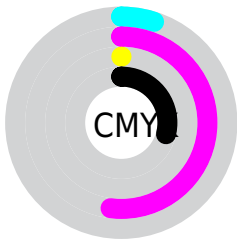
Distribution



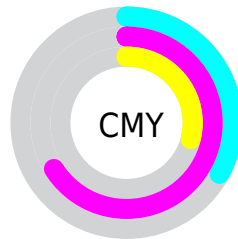
- Red (67%)
- Green (34%)
- Blue (71%)



- Red (67%)
- Yellow (34%)
- Blue (71%)



- Cyan (5%)
- Magenta (52%)
- Yellow (0%)
- Black (29%)



- Cyan (33%)
- Magenta (66%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC56B5 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 AC56B5 by changing the saturation by 10% instead.

AC56B5

AC56B5

FFFFFF

903C9A

E58BED

752180

FFA7FF

5B0066

FFC2FF

41004E

FFDFFF

2B0037

FFFCFF

000020

000004

000000

AC56B5

AC56B5

■ AA44B5

■ AE68B5

■ A932B5

■ AF7AB5

■ A720B5

■ B18CB5

■ A50EB5

■ B39EB5

■ A400B5

■ B5B1B5

■ B6C3B5

■ B8D5B5

■ BAE7B5

■ BBF9B5

Harmonies

Analogous

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



626FD7



AC56B5



CE4384

Triad

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



AC56B5



987200



008FA1

Complementary

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



AC56B5



5FB556

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.



008F6C



AC56B5



688200

Square

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



AC56B5



BE5D22



138B37



008CCB

Rectangle

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



AC56B5



D44262



138B37



009090

Sweetspot

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



AC56B5



E7C5EB



565FB5



735F75



F5F5F5



757575

Same Dimension

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



AC56B5



DD57EB



B5568F



585059



8B0099



17001A

Inverse Universe

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



B5565F



EB5765



56B57C



595051



99000E



1A0002

Previews

White Background



This preview shows how the Hex color AC56B5 looks on a white background.

Color Contrast Check

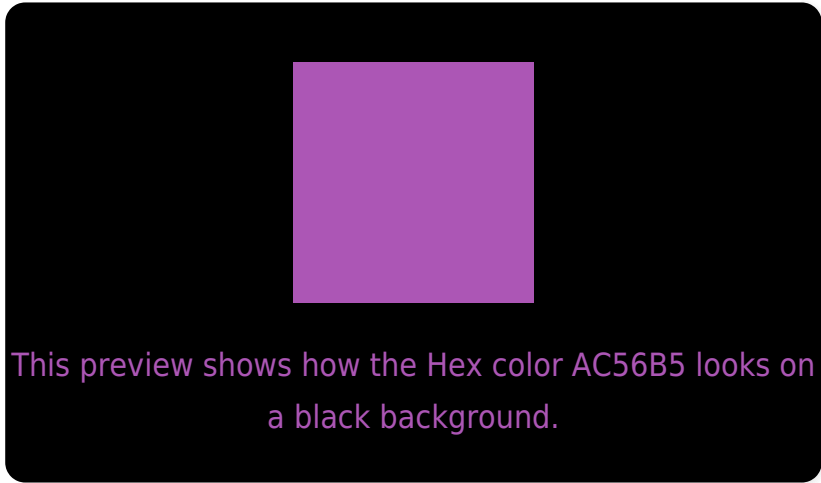
Large Text (above 18pt) WCAG AA ✓ Pass

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

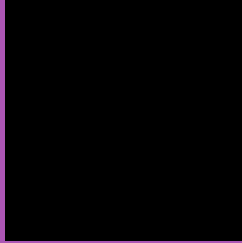
Any Text WCAG AA ✓ Pass

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 AC56B5 Background



This preview shows how black text looks on a background with the Hex color AC56B5.

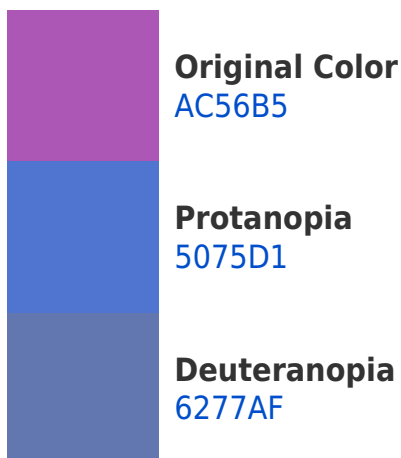



This preview shows how white text looks on a background with the Hex color AC56B5.

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
A3676F

Trichromacy



Original Color
AC56B5

Protanomaly
716AC7

Deuteranomaly
7D6BB1

Tritanomaly
A66188

Monochromacy



Original Color
AC56B5

Achromatopsia
7B7B7B

Achromatomaly
8D6E90

CSS Examples

Text

The CSS property to change the color of the text to Hex AC56B5 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 #AC56B5 looks like.

```
.text, #text, p{  
    color:#AC56B5  
}
```

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 #AC56B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC56B5
}
```

Border

The CSS property to change the border of an element to Hex AC56B5 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
#AC56B5 }
```

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

```
.border{ border-color:#AC56B5 }
```

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

Here you see how a box with a 4 pixel #AC56B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC56B5; -webkit-box-shadow:4px 4px  
4px 4px #AC56B5; box-shadow:4px 4px 4px  
4px #AC56B5 }
```

Background

The CSS property to change the background color of an element to Hex AC56B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC56B5 }
```

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

```
.background{ background-color:#AC56B5 }
```

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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