

Converting Colors

Hex(AC13B9)

Have a look what the booklet for
Hex(AC13B9) contains.

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Color

Hex(AC13B9)

Conversions

Conversions Part 1

Format	Color
Hex	AC13B9
RGB	172, 19, 185
RGB Percent	67%, 7%, 73%
CMY	0.3255, 0.9255, 0.2745
CMYK	0.07, 0.90, 0.00, 0.27
HSL	295°, 81%, 40%
HSV	295°, 90%, 73%
XYZ	26.0031, 12.7392, 46.9873
YIQ	83.6710, 37.9020, 84.0620

Conversions

Conversions Part 2

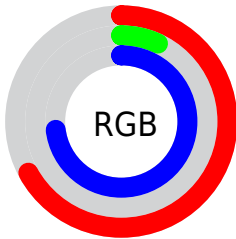
Format	Color
R_{YB}	172, 19, 185
Decimal	11277241
CIE _{Lab}	42.37, 73.00, -50.50
CIE _{LCh}	42, 88.770, 325.325
Yxy	12.7392, 0.3033, 0.1486
Android (android.graphics.Color)	4289467321 (0xFFAC13B9)
YUV	83.6710, 49.9552, 77.4645
Hunter-Lab	35.6920, 67.5836, -53.0689

Details

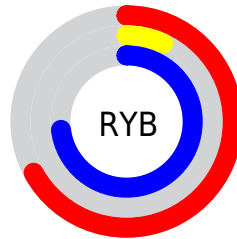
The Hex color **AC13B9** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **20B913**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **E75BF2**, and **730083** is the 20% darker color. If you saturate the color by 10%, you get **AB00B9**, and if you desaturate by 10%, it is **AD25B9**.

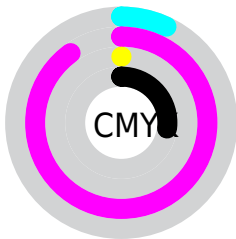
Distribution



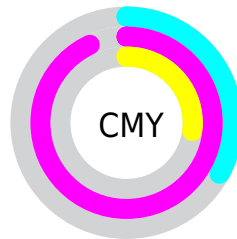
- Red (67%)
- Green (7%)
- Blue (73%)



- Red (67%)
- Yellow (7%)
- Blue (73%)



- Cyan (7%)
- Magenta (90%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (93%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC13B9 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 AC13B9 by changing the saturation by 10% instead.

■ AC13B9

■ AC13B9

FFFFFF

■ 8F009E

■ E75BF2

■ 730083

■ FF78FF

■ 570069

■ FF95FF

■ 3C0050

■ FFB2FF

■ 1F0038

■ FFCFFF

■ 000222

■ FFEDFF

■ 000007

■ 000000

■ AC13B9

■ AC13B9

■ AB00B9

■ AD25B9

■ AF38B9

■ B04AB9

■ B25DB9

■ B36FB9

■ B582B9

■ B694B9

■ B8A7B9

■ B9BAB9

Harmonies

Analogous

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



0356EC



AC13B9



D80073

Triad

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



AC13B9



845E00



0080A2

Complementary

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



AC13B9



20B913

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.



007F56



AC13B9



3B7200

Square

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



AC13B9



B93500



007B00



007EDE

Rectangle

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



AC13B9



DC0043



007B00



008089

Sweetspot

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



AC13B9



EBAFF0



1321B9



755178



F7F7F7



787878

Same Dimension

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



AC13B9



DD00F0



B91374



5B535C



8F009C



1A001C

Inverse Universe

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



B91320



F00013



13B958



5C5353



9C000C



1C0002

Previews

White Background



This preview shows how the Hex color AC13B9 looks on a white background.

Color Contrast Check

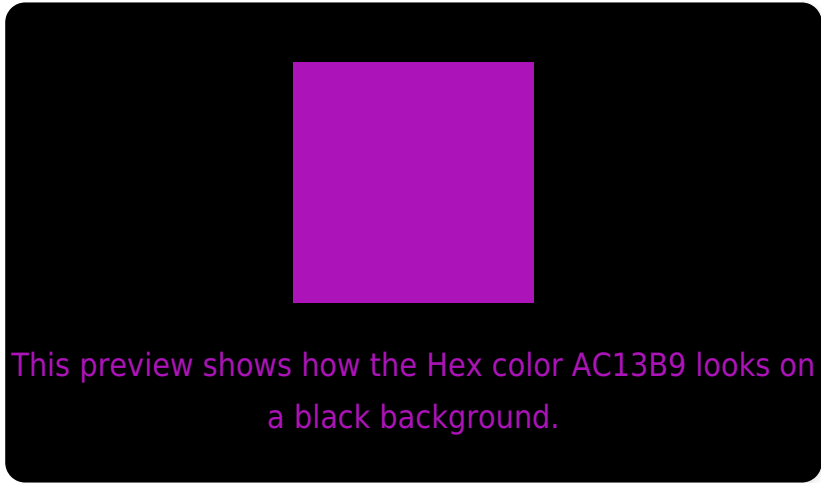
Large Text (above 18pt) WCAG AA ✓ Pass

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

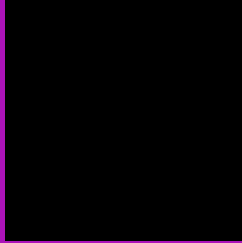
Any Text WCAG AA × Fail

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 AC13B9 Background



This preview shows how black text looks on a background with the Hex color AC13B9.

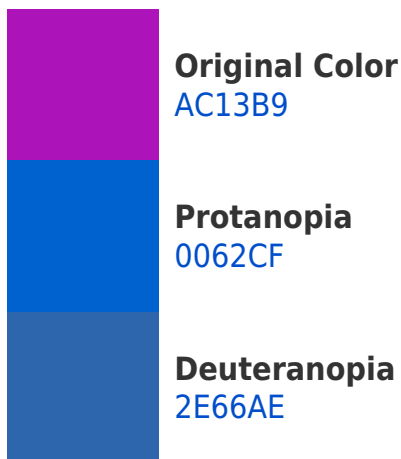


This preview shows how white text looks on a background with the Hex color AC13B9.

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
9F4A4F

Trichromacy



Original Color
AC13B9



Protanomaly
3F45C7



Deuteranomaly
5C48B2



Tritanomaly
A43676

Monochromacy



Original Color
AC13B9



Achromatopsia
545454



Achromatomaly
743C79

CSS Examples

Text

The CSS property to change the color of the text to Hex AC13B9 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 #AC13B9 looks like.

```
.text, #text, p{  
    color:#AC13B9  
}
```

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 #AC13B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC13B9
}
```

Border

The CSS property to change the border of an element to Hex AC13B9 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
#AC13B9 }
```

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

```
.border{ border-color:#AC13B9 }
```

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

Here you see how a box with a 4 pixel #AC13B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC13B9; -webkit-box-shadow:4px 4px  
4px 4px #AC13B9; box-shadow:4px 4px 4px  
4px #AC13B9 }
```

Background

The CSS property to change the background color of an element to Hex AC13B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC13B9 }
```

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

```
.background{ background-color:#AC13B9 }
```

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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