

Converting Colors

Hex(AC0CBC)

Have a look what the booklet for
Hex(AC0CBC) contains.

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Color

Hex(AC0CBC)

Conversions

Conversions Part 1

Format	Color
Hex	AC0CBC
RGB	172, 12, 188
RGB Percent	67%, 5%, 74%
CMY	0.3255, 0.9529, 0.2627
CMYK	0.09, 0.94, 0.00, 0.26
HSL	295°, 88%, 39%
HSV	295°, 94%, 74%
XYZ	26.2218, 12.6644, 48.6394
YIQ	79.9040, 38.8640, 88.6560

Conversions

Conversions Part 2

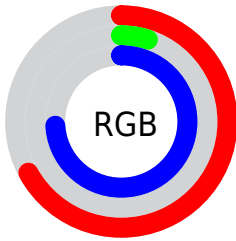
Format	Color
R _Y B	172, 12, 188
Decimal	11275452
CIE Lab	42.25, 74.40, -52.45
CIE LCh	42, 91.033, 324.818
Yxy	12.6644, 0.2996, 0.1447
Android (android.graphics.Color)	4289465532 (0xFFAC0CBC)
YUV	79.9040, 53.2913, 80.7682
Hunter-Lab	35.5871, 69.2475, -56.1247

Details

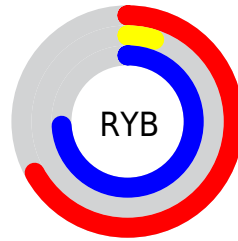
The Hex color **AC0CBC** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **1CBC0C**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **E759F5**, and **720086** is the 20% darker color. If you saturate the color by 10%, you get **AB00BC**, and if you desaturate by 10%, it is **AE1FBC**.

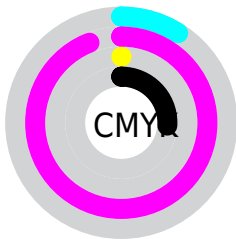
Distribution



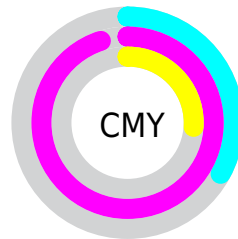
- Red (67%)
- Green (5%)
- Blue (74%)



- Red (67%)
- Yellow (5%)
- Blue (74%)



- Cyan (9%)
- Magenta (94%)
- Yellow (0%)
- Black (26%)



- Cyan (33%)
- Magenta (95%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC0CBC 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 AC0CBC by changing the saturation by 10% instead.

 AC0CBC

 AC0CBC

FFFFFF

 8F00A0

 E759F5

 720086

 FF76FF

 56006C

 FF93FF

 3B0053

 FFB0FF

 1E003B

 FFCEFF

 000224

 FFE0FF

 00000B

 000000

 AC0CBC

 AC0CBC

 AB00BC

 AE1FBC

 AF32BC

 B144BC

 B357BC

 B56ABC

 B67DBC

 B890BC

 BAA2BC

 BBB5BC

Harmonies

Analogous

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



0056EF



AC0CBC



DA0074

Triad

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



AC0CBC



855D00



0080A2

Complementary

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



AC0CBC



1CBC0C

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.



007F54



AC0CBC



3B7100

Square

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



AC0CBC



BB3200



007B00



007EE0

Rectangle

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



AC0CBC



DF0043



007B00



008089

Sweetspot

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



AC0CBC



EFB0F5



0C1EBC



77517A



FAFAFA



7A7A7A

Same Dimension

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



AC0CBC



DF00F5



BC0C76



5D555E



90009E



1C001F

Inverse Universe

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



BC0C1C



F50016



0CBC52



5E5556



9E000E



1F0003

Previews

White Background



This preview shows how the Hex color AC0CBC looks on a white background.

Color Contrast Check

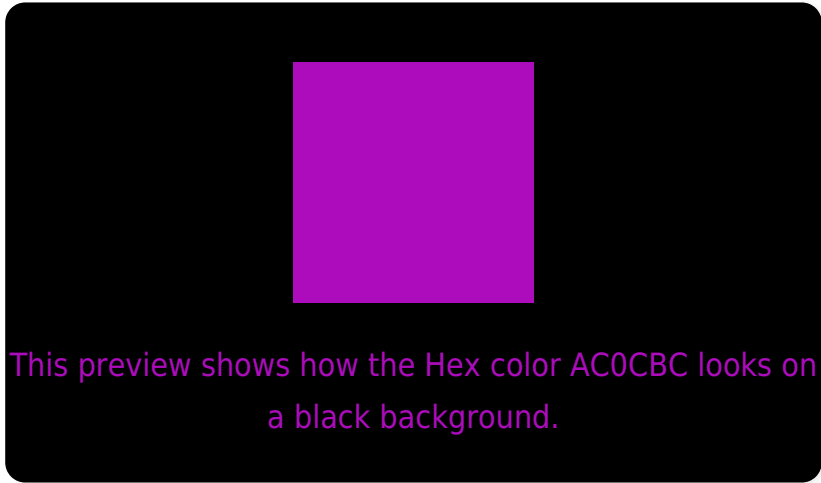
Large Text (above 18pt) WCAG AA ✓ Pass

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

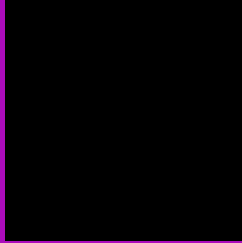
Any Text WCAG AA × Fail

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 AC0CBC Background



This preview shows how black text looks on a background with the Hex color AC0CBC.

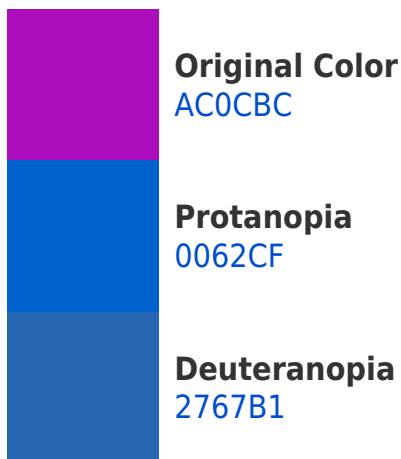


This preview shows how white text looks on a background with the Hex color AC0CBC.

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
AC0CBC



Protanomaly
3F43C8



Deuteranomaly
5746B5



Tritanomaly
A43377

Monochromacy



Original Color
AC0CBC



Achromatopsia
505050



Achromatomaly
713777

CSS Examples

Text

The CSS property to change the color of the text to Hex AC0CBC 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 #AC0CBC looks like.

```
.text, #text, p{  
    color:#AC0CBC  
}
```

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 #AC0CBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC0CBC
}
```

Border

The CSS property to change the border of an element to Hex AC0CBC 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".

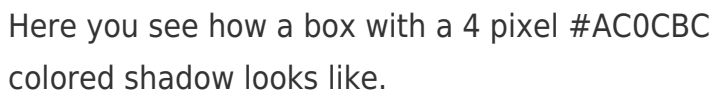
```
.border, #border, table{ border:4px solid
#AC0CBC }
```

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

```
.border{ border-color:#AC0CBC }
```

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

Here you see how a box with a 4 pixel #AC0CBC colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #AC0CBC color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC0CBC; -webkit-box-shadow:4px 4px  
4px 4px #AC0CBC; box-shadow:4px 4px 4px  
4px #AC0CBC }
```

Background

The CSS property to change the background color of an element to Hex AC0CBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC0CBC }
```

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

```
.background{ background-color:#AC0CBC }
```

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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