

Converting Colors

Hex(AB0EC2)

Have a look what the booklet for
Hex(AB0EC2) contains.

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Color

Hex(AB0EC2)

Conversions

Conversions Part 1

Format	Color
Hex	AB0EC2
RGB	171, 14, 194
RGB Percent	67%, 5%, 76%
CMY	0.3294, 0.9451, 0.2392
CMYK	0.12, 0.93, 0.00, 0.24
HSL	292°, 87%, 41%
HSV	292°, 93%, 76%
XYZ	26.6892, 12.8670, 52.1158
YIQ	81.4630, 35.7920, 89.2640

Conversions

Conversions Part 2

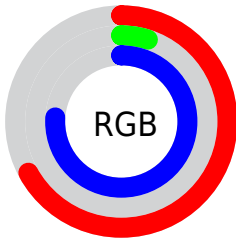
Format	Color
RYB	171, 14, 194
Decimal	11210434
CIELab	42.56, 74.99, -55.48
CIELCh	43, 93.284, 323.508
Yxy	12.8670, 0.2911, 0.1404
Android (android.graphics.Color)	4289400514 (0xFFAB0EC2)
YUV	81.4630, 55.4807, 78.5239
Hunter-Lab	35.8707, 70.0376, -61.0319

Details

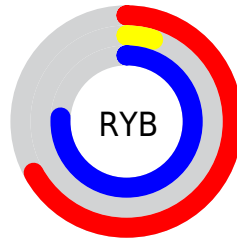
The Hex color **AB0EC2** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as dark washed purple. A complement of this color would be **25C20E**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **E659FB**, and **71008B** is the 20% darker color. If you saturate the color by 10%, you get **A900C2**, and if you desaturate by 10%, it is **AD21C2**.

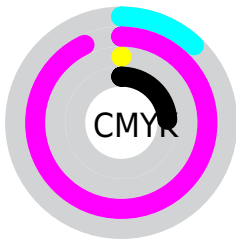
Distribution



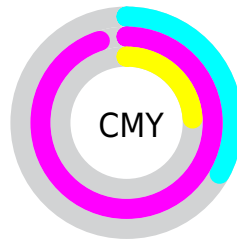
- Red (67%)
- Green (5%)
- Blue (76%)



- Red (67%)
- Yellow (5%)
- Blue (76%)



- Cyan (12%)
- Magenta (93%)
- Yellow (0%)
- Black (24%)



- Cyan (33%)
- Magenta (95%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB0EC2 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 AB0EC2 by changing the saturation by 10% instead.

 AB0EC2

 AB0EC2

FFFFFF

 8E00A6

 E659FB

 71008B

 FF77FF

 550071

 FF94FF

 3A0058

 FFB1FF

 1B003F

 FFCEFF

 000328

 FFECFF

 000112

 000000

 AB0EC2

 AB0EC2

 A900C2

 AD21C2

 B035C2

 B248C2

 B55CC2

 B76FC2

 BA82C2

 BC96C2

 BFA9C2

 C1BDC2

Harmonies

Analogous

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



0059F6



AB0EC2



DD0079

Triad

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



AB0EC2



895C00



0082A1

Complementary

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



AB0EC2



25C20E

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.



008051



AB0EC2



3E7200

Square

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



AB0EC2



BF2D00



007C00



0080E2

Rectangle

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



AB0EC2



E20047



007C00



008187

Sweetspot

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



AB0EC2



F3B6FC



0E26C2



7A5480



000000



808080

Same Dimension

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



AB0EC2



DC00FC



C20E80



605761



8C00A1



1D0021

Inverse Universe

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



C20E25



FC0020



0EC250



615758



A10015



210004

Previews

White Background



This preview shows how the Hex color AB0EC2 looks on a white background.

Color Contrast Check

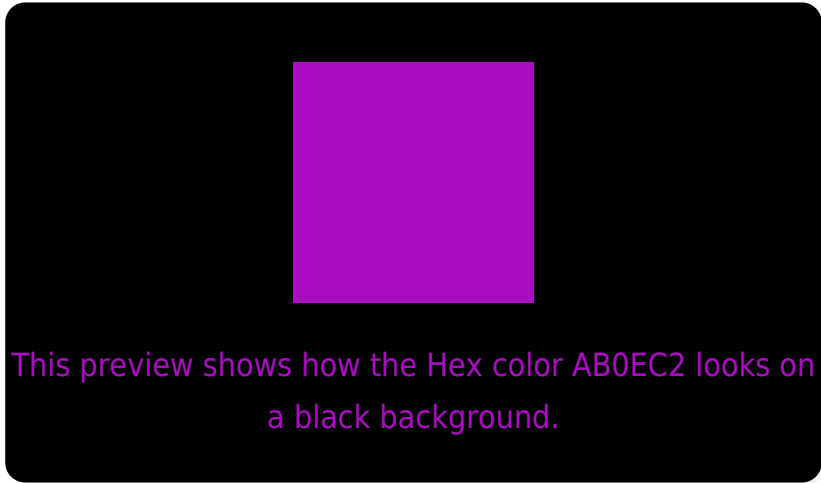
Large Text (above 18pt) WCAG AA ✓ Pass

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

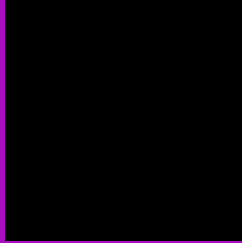
Any Text WCAG AA × Fail

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 AB0EC2 Background



This preview shows how black text looks on a background with the Hex color AB0EC2.




This preview shows how white text looks on a background with the Hex color AB0EC2.

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
9D4D52

Trichromacy



Original Color
AB0EC2



Protanomaly
3E43CB



Deuteranomaly
4C47BB



Tritanomaly
A2367B

Monochromacy



Original Color
AB0EC2



Achromatopsia
515151



Achromatomaly
72397A

CSS Examples

Text

The CSS property to change the color of the text to Hex AB0EC2 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 #AB0EC2 looks like.

```
.text, #text, p{  
    color:#AB0EC2  
}
```

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 #AB0EC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB0EC2
}
```

Border

The CSS property to change the border of an element to Hex AB0EC2 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
#AB0EC2 }
```

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

```
.border{ border-color:#AB0EC2 }
```

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

Here you see how a box with a 4 pixel #AB0EC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB0EC2; -webkit-box-shadow:4px 4px  
4px 4px #AB0EC2; box-shadow:4px 4px 4px  
4px #AB0EC2 }
```

Background

The CSS property to change the background color of an element to Hex AB0EC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB0EC2 }
```

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

```
.background{ background-color:#AB0EC2 }
```

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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