

Converting Colors

Hex(AB12B0)

Have a look what the booklet for
Hex(AB12B0) contains.

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Color

Hex(AB12B0)

Conversions

Conversions Part 1

Format	Color
Hex	AB12B0
RGB	171, 18, 176
RGB Percent	67%, 7%, 69%
CMY	0.3294, 0.9294, 0.3098
CMYK	0.03, 0.90, 0.00, 0.31
HSL	298°, 81%, 38%
HSV	298°, 90%, 69%
XYZ	24.8474, 12.2251, 42.1244
YIQ	81.7590, 40.4700, 81.5740

Conversions

Conversions Part 2

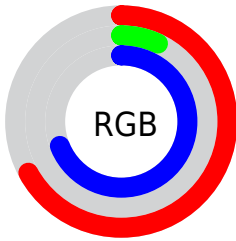
Format	Color
R_{YB}	171, 18, 176
Decimal	11211440
CIE _{Lab}	41.57, 71.55, -46.47
CIE _{LCh}	42, 85.318, 326.998
Yxy	12.2251, 0.3137, 0.1544
Android (android.graphics.Color)	4289401520 (0xFFAB12B0)
YUV	81.7590, 46.4608, 78.2644
Hunter-Lab	34.9645, 65.6626, -46.9561

Details

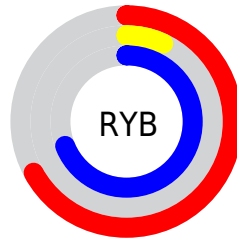
The Hex color **AB12B0** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **17B012**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **E65AE8**, and **72007B** is the 20% darker color. If you saturate the color by 10%, you get **AA00B0**, and if you desaturate by 10%, it is **AC24B0**.

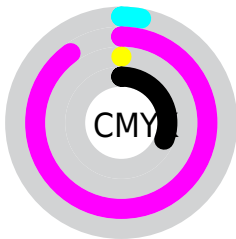
Distribution



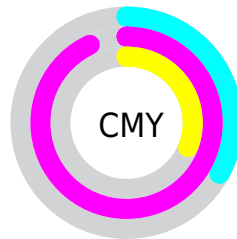
- Red (67%)
- Green (7%)
- Blue (69%)



- Red (67%)
- Yellow (7%)
- Blue (69%)



- Cyan (3%)
- Magenta (90%)
- Yellow (0%)
- Black (31%)



- Cyan (33%)
- Magenta (93%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB12B0 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 AB12B0 by changing the saturation by 10% instead.

 AB12B0

 AB12B0

FFFFFF

 8E0095

 E65AE8

 72007B

 FF77FF

 560061

 FF94FF

 3C0049

 FFB0FF

 1F0031

 FFCEFF

 00011B

 FFE0FF

 000000

 AB12B0

 AB12B0

 AA00B0

 AC24B0

 AC35B0

 AD47B0

 AD58B0

 AE6AB0

 AE7CB0

 AF8DB0

 AF9FB0

 B0B0B0

Harmonies

Analogous

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



2F53E2



AB12B0



D3006C

Triad

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



AB12B0



7E5D00



007DA1

Complementary

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



AB12B0



17B012

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.



007C59



AB12B0



377000

Square

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



AB12B0



B13900



007900



007BD9

Rectangle

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



AB12B0



D5003F



007900



007D8A

Sweetspot

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



AB12B0



E4A8E6



1217B0



724E73



F2F2F2



737373

Same Dimension

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



AB12B0



DE00E6



B01266



595059



940099



19001A

Inverse Universe

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



B01217



E60007



12B05C



595051



990005



1A0001

Previews

White Background



This preview shows how the Hex color AB12B0 looks on a white background.

Color Contrast Check

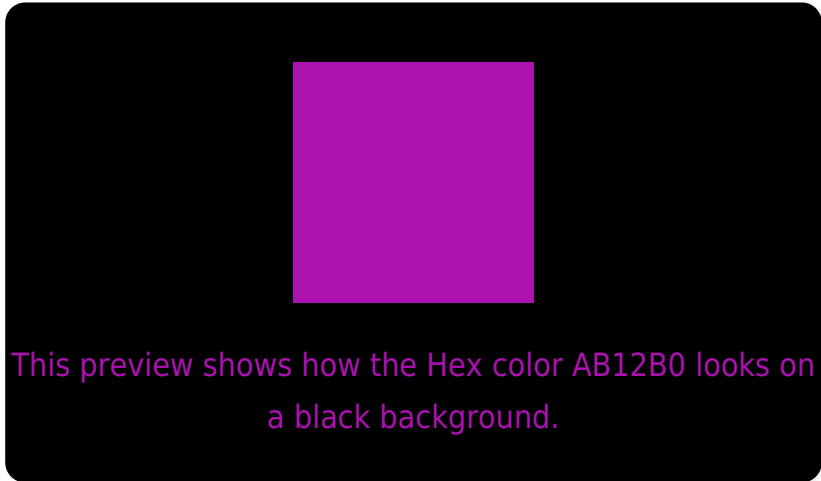
Large Text (above 18pt) WCAG AA ✓ Pass

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

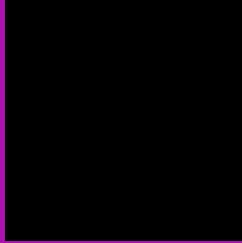
Any Text WCAG AA × Fail

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 AB12B0 Background



This preview shows how black text looks on a background with the Hex color AB12B0.

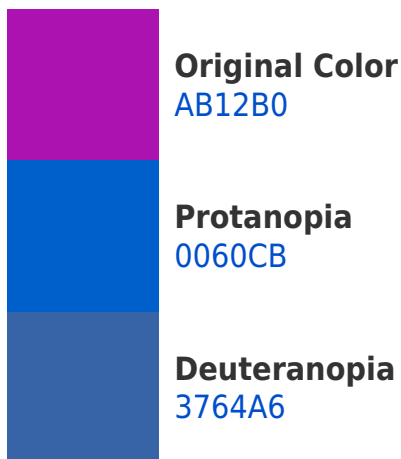


This preview shows how white text looks on a background with the Hex color AB12B0.

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](#).

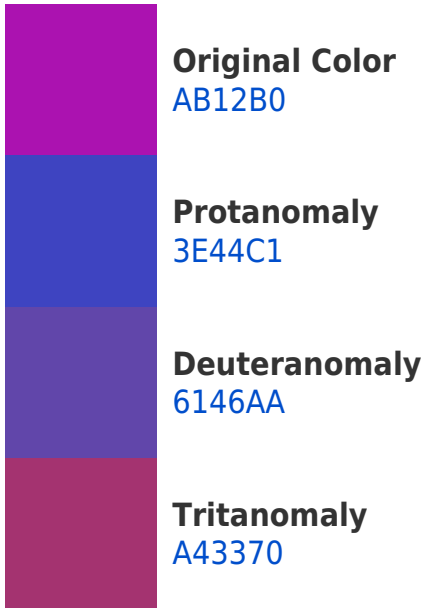
Dichromacy



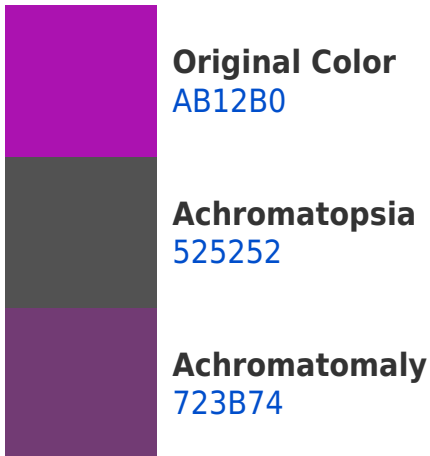


Tritanopia
A0464B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB12B0 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 #AB12B0 looks like.

```
.text, #text, p{  
    color:#AB12B0  
}
```

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 #AB12B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB12B0  
}
```

Border

The CSS property to change the border of an element to Hex AB12B0 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  
#AB12B0 }
```

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

```
.border{ border-color:#AB12B0 }
```

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

Here you see how a box with a 4 pixel #AB12B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB12B0; -webkit-box-shadow:4px 4px  
4px 4px #AB12B0; box-shadow:4px 4px 4px  
4px #AB12B0 }
```

Background

The CSS property to change the background color of an element to Hex AB12B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB12B0 }
```

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

```
.background{ background-color:#AB12B0 }
```

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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