

Converting Colors

Hex(AB0072)

Have a look what the booklet for
Hex(AB0072) contains.

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Color

Hex(AB0072)

Conversions

Conversions Part 1

Format	Color
Hex	AB0072
RGB	171, 0, 114
RGB Percent	67%, 0%, 45%
CMY	0.3294, 1.0000, 0.5529
CMYK	0.00, 1.00, 0.33, 0.33
HSL	320°, 100%, 34%
HSV	320°, 100%, 67%
XYZ	19.8318, 9.8728, 16.7800
YIQ	64.1250, 65.3220, 71.7060

Conversions

Conversions Part 2

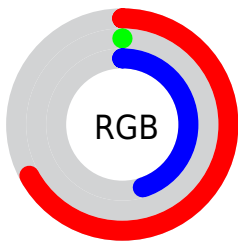
Format	Color
RYB	171, 0, 114
Decimal	11206770
CIELab	37.61, 65.47, -14.79
CIELCh	38, 67.118, 347.269
Yxy	9.8728, 0.4266, 0.2124
Android (android.graphics.Color)	4289396850 (0xFFAB0072)
YUV	64.1250, 24.5884, 93.7294
Hunter-Lab	31.4211, 57.6759, -9.6683

Details

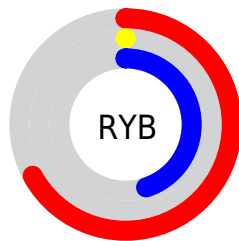
The Hex color **AB0072** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00AB39**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **E751A6**, and **710042** is the 20% darker color. If you saturate the color by 10%, you get **AB0072**, and if you desaturate by 10%, it is **AB1178**.

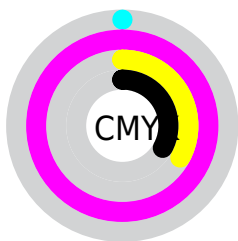
Distribution



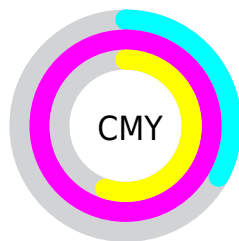
- Red (67%)
- Green (0%)
- Blue (45%)



- Red (67%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (100%)
- Yellow (33%)
- Black (33%)



- Cyan (33%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB0072 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 AB0072 by changing the saturation by 10% instead.

 AB0072

 AB0072

FFFFFF

 8E0059

 E751A6

 710042

 FF6EC1

 55002C

 FF8BDD

 3B0017

 FFA7FA

 190001

 FFC4FF

 000000

 FFE2FF

 AB0072

 AB1178

 AB227D

 AB3383

 AB4489

 AB558F

 AB6794

 AB789A

 AB89A0

 AB9AA5

Harmonies

Analogous

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



7F37A3



AB0072



B4003C

Triad

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



AB0072



506000



006DA8

Complementary

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



AB0072



00AB39

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.



006F77



AB0072



006900

Square

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



AB0072



804E00



006D3F



0066C4

Rectangle

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



AB0072



AB2219



006D3F



006E9A

Sweetspot

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



AB0072



DE9BC8



3900AB



704863



F0F0F0



707070

Same Dimension

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



AB0072



DE0094



AB001D



574E54



960064



17000F

Inverse Universe

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



AB0072



DE0094



00AB8E



574E54



960064



17000F

Previews

White Background



This preview shows how the Hex color AB0072 looks on a white background.

Color Contrast Check

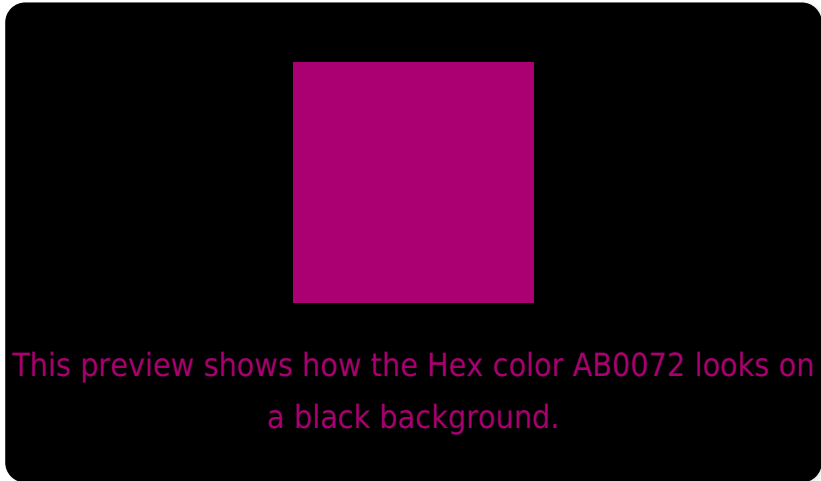
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 AB0072 Background



This preview shows how black text looks on a background with the Hex color AB0072.

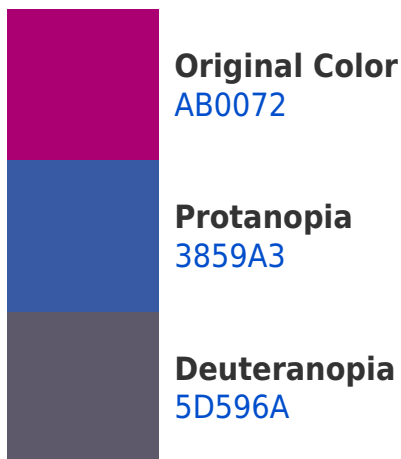


This preview shows how white text looks on a background with the Hex color AB0072.

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
A72D2F

Trichromacy



Original Color
AB0072



Protanomaly
623991



Deuteranomaly
79396D



Tritanomaly
A81D47

Monochromacy



Original Color
AB0072



Achromatopsia
404040



Achromatomaly
672952

CSS Examples

Text

The CSS property to change the color of the text to Hex AB0072 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 #AB0072 looks like.

```
.text, #text, p{  
    color:#AB0072  
}
```

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 #AB0072 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB0072
}
```

Border

The CSS property to change the border of an element to Hex AB0072 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
#AB0072 }
```

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

```
.border{ border-color:#AB0072 }
```

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

Here you see how a box with a 4 pixel #AB0072 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB0072; -webkit-box-shadow:4px 4px  
4px 4px #AB0072; box-shadow:4px 4px 4px  
4px #AB0072 }
```

Background

The CSS property to change the background color of an element to Hex AB0072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB0072 }
```

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

```
.background{ background-color:#AB0072 }
```

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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