

Converting Colors

Hex(AB0045)

Have a look what the booklet for
Hex(AB0045) contains.

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Color

Hex(AB0045)

Conversions

Conversions Part 1

Format	Color
Hex	AB0045
RGB	171, 0, 69
RGB Percent	67%, 0%, 27%
CMY	0.3294, 1.0000, 0.7294
CMYK	0.00, 1.00, 0.60, 0.33
HSL	336°, 100%, 34%
HSV	336°, 100%, 67%
XYZ	17.8688, 9.0876, 6.4425
YIQ	58.9950, 79.7670, 57.7110

Conversions

Conversions Part 2

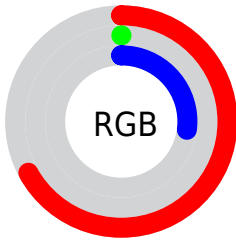
Format	Color
RYB	171, 0, 69
Decimal	11206725
CIELab	36.15, 61.64, 11.98
CIElCh	36, 62.792, 11.002
Yxy	9.0876, 0.5350, 0.2721
Android (android.graphics.Color)	4289396805 (0xFFAB0045)
YUV	58.9950, 4.9325, 98.2284
Hunter-Lab	30.1456, 53.0506, 8.4309

Details

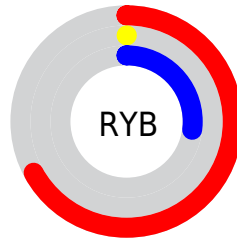
The Hex color **AB0045** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00AB66**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **E84F75**, and **6F001B** is the 20% darker color. If you saturate the color by 10%, you get **AB0045**, and if you desaturate by 10%, it is **AB114F**.

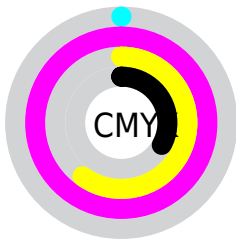
Distribution



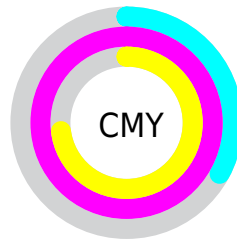
- Red (67%)
- Green (0%)
- Blue (27%)



- Red (67%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (60%)
- Black (33%)



- Cyan (33%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB0045 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 AB0045 by changing the saturation by 10% instead.

 AB0045

 AB0045

FFFFFF

 8D002F

 E84F75

 6F001B

 FF6C8E

 520001

 FF88A9

 360002

 FFA5C4

 050000

 FFC1E0

 000000

 FFDFFC

 FFFCFF

 AB0045

 AB114F

 AB2259

 AB3364

 AB446E

 AB5578

 AB6782

 AB788C

 AB8997

 AB9AA1

Harmonies

Analogous

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



9C1877



AB0045



A02913

Triad

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



AB0045



156300



0064B5

Complementary

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



AB0045



00AB66

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.



006997



AB0045



006832

Square

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



AB0045



585900



006A67



0056B9

Rectangle

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



AB0045



8D3E00



006A67



0066AE

Sweetspot

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



AB0045



DE9BB6



6400AB



704858



F0F0F0



707070

Same Dimension

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



AB0045



DE005A



AB0E00



574E52



96003D



170009

Inverse Universe

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



AB0045



DE005A



009DAB



574E52



96003D



170009

Previews

White Background



This preview shows how the Hex color AB0045 looks on a white background.

Color Contrast Check

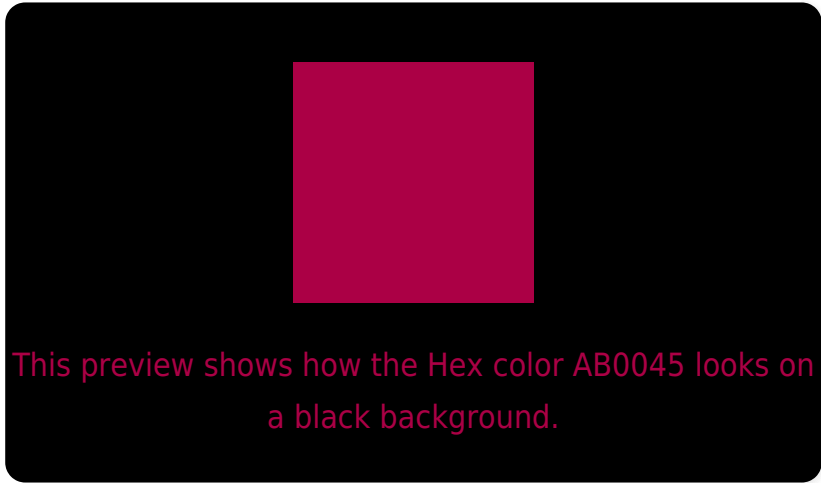
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB0045 Background



This preview shows how black text looks on a background with the Hex color AB0045.

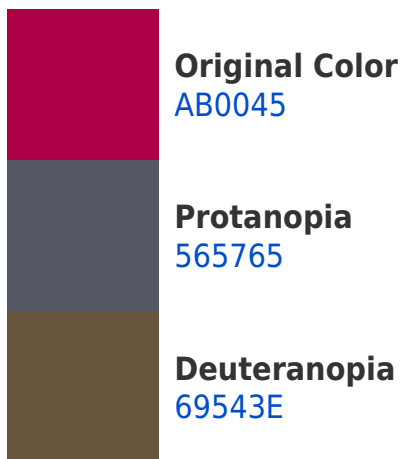


This preview shows how white text looks on a background with the Hex color AB0045.

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](#).

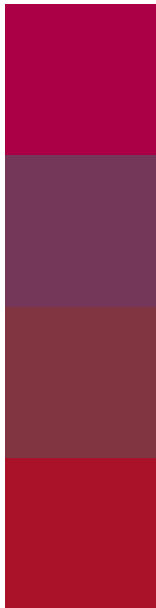
Dichromacy





Tritanopia
A91C1A

Trichromacy



Original Color
AB0045

Protanomaly
753759

Deuteranomaly
813541

Tritanomaly
AA122A

Monochromacy



Original Color
AB0045

Achromatopsia
3B3B3B

Achromatomaly
64263F

CSS Examples

Text

The CSS property to change the color of the text to Hex AB0045 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 #AB0045 looks like.

```
.text, #text, p{  
    color:#AB0045  
}
```

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 #AB0045 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB0045
}
```

Border

The CSS property to change the border of an element to Hex AB0045 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
#AB0045 }
```

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

```
.border{ border-color:#AB0045 }
```

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

Here you see how a box with a 4 pixel #AB0045 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB0045; -webkit-box-shadow:4px 4px  
4px 4px #AB0045; box-shadow:4px 4px 4px  
4px #AB0045 }
```

Background

The CSS property to change the background color of an element to Hex AB0045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB0045 }
```

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

```
.background{ background-color:#AB0045 }
```

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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