

Converting Colors

Hex(AB45A0)

Have a look what the booklet for
Hex(AB45A0) contains.

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Color

Hex(AB45A0)

Conversions

Conversions Part 1

Format	Color
Hex	AB45A0
RGB	171, 69, 160
RGB Percent	67%, 27%, 63%
CMY	0.3294, 0.7294, 0.3725
CMYK	0.00, 0.60, 0.06, 0.33
HSL	306°, 42%, 47%
HSV	306°, 60%, 67%
XYZ	25.2679, 15.4522, 34.9085
YIQ	109.8720, 31.5810, 49.9250

Conversions

Conversions Part 2

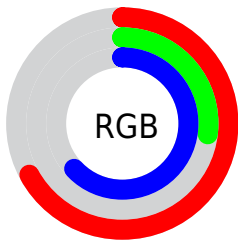
Format	Color
R_{YB}	171, 69, 160
Decimal	11224480
CIE _{Lab}	46.25, 53.19, -29.56
CIE _{LCh}	46, 60.854, 330.937
Yxy	15.4522, 0.3341, 0.2043
Android (android.graphics.Color)	4289414560 (0xFFAB45A0)
YUV	109.8720, 24.7131, 53.6093
Hunter-Lab	39.3093, 45.9477, -25.1358

Details

The Hex color **AB45A0** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **45AB50**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **E57BD7**, and **74026C** is the 20% darker color. If you saturate the color by 10%, you get **AB349E**, and if you desaturate by 10%, it is **AB56A2**.

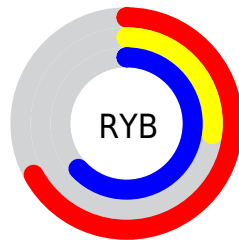
Distribution



Red (67%)

Green (27%)

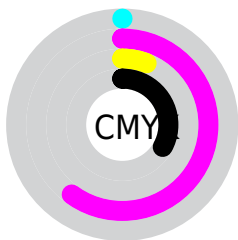
Blue (63%)



Red (67%)

Yellow (27%)

Blue (63%)

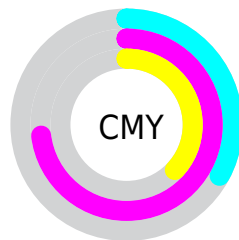


Cyan (0%)

Magenta (60%)

Yellow (6%)

Black (33%)



Cyan (33%)

Magenta (73%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB45A0 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 AB45A0 by changing the saturation by 10% instead.

 AB45A0

 AB45A0

FFFFFF

 8F2986

 E57BD7

 74026C

 FF96F4

 590053

 FFB2FF

 3F003C

 FFCFFF

 270026

 FFECFF

 00010E

 000000

 AB45A0

 AB45A0

 AB349E

 AB56A2

 AB239C

 AB67A4

 AB129A

 AB78A6

 AB0199

 AB89A7

 AB0099

 AB9AA9

 ABACAB

 ABBDAD

 ABCEAF

 ABDFB1

Harmonies

Analogous

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



6C5FC6



AB45A0



C5346E

Triad

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



AB45A0



836C00



0084A1

Complementary

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



AB45A0



45AB50

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.



00846E



AB45A0



507900

Square

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



AB45A0



AA5708



008139



007FC7

Rectangle

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



AB45A0



C6384C



008139



008491

Sweetspot

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



AB45A0



DEB6DA



4F45AB



70586E



F0F0F0



707070

Same Dimension

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



AB45A0



DE3ECD



AB456E



574E56



960086



170014

Inverse Universe

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



AB45A0



DE3ECD



45AB82



574E56



960086



170014

Previews

White Background



This preview shows how the Hex color AB45A0 looks on a white background.

Color Contrast Check

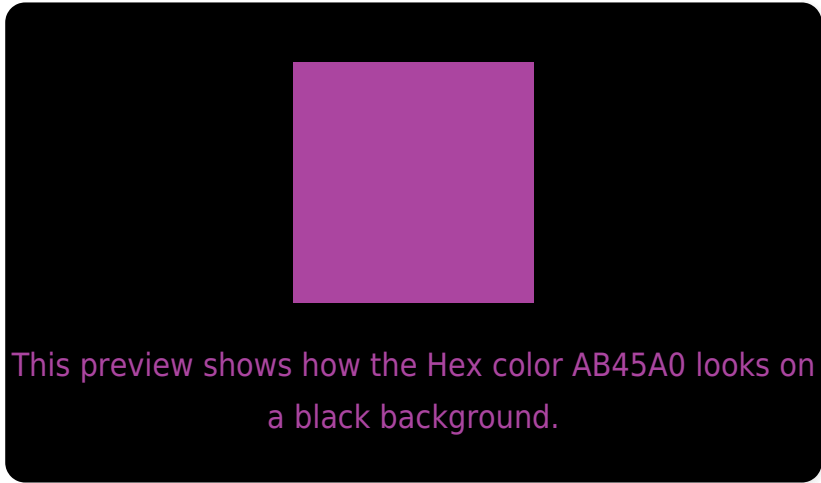
Large Text (above 18pt) WCAG AA ✓ Pass

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

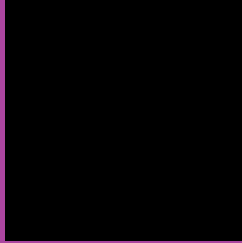
Any Text WCAG AA × Fail

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 AB45A0 Background



This preview shows how black text looks on a background with the Hex color AB45A0.

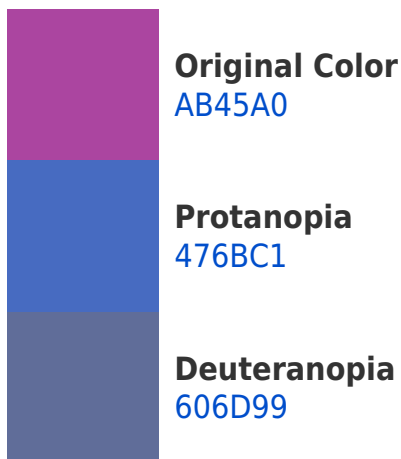



This preview shows how white text looks on a background with the Hex color AB45A0.

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
A4575D

Trichromacy



Original Color
AB45A0



Protanomaly
6B5DB5



Deuteranomaly
7B5E9C



Tritanomaly
A75075

Monochromacy



Original Color
AB45A0



Achromatopsia
6E6E6E



Achromatomaly
845F80

CSS Examples

Text

The CSS property to change the color of the text to Hex AB45A0 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 #AB45A0 looks like.

```
.text, #text, p{  
    color:#AB45A0  
}
```

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 #AB45A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB45A0
}
```

Border

The CSS property to change the border of an element to Hex AB45A0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

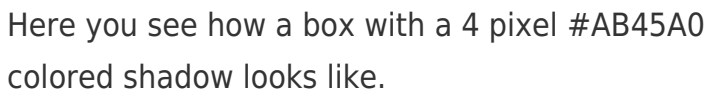
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB45A0 }
```

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

```
.border{ border-color:#AB45A0 }
```

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



Here you see how a box with a 4 pixel #AB45A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB45A0; -webkit-box-shadow:4px 4px  
4px 4px #AB45A0; box-shadow:4px 4px 4px  
4px #AB45A0 }
```

Background

The CSS property to change the background color of an element to Hex AB45A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB45A0 }
```

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

```
.background{ background-color:#AB45A0 }
```

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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