

Converting Colors

Hex(AB4EC6)

Have a look what the booklet for
Hex(AB4EC6) contains.

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Color

Hex(AB4EC6)

Conversions

Conversions Part 1

Format	Color
Hex	AB4EC6
RGB	171, 78, 198
RGB Percent	67%, 31%, 78%
CMY	0.3294, 0.6941, 0.2235
CMYK	0.14, 0.61, 0.00, 0.22
HSL	286°, 51%, 54%
HSV	286°, 61%, 78%
XYZ	29.7120, 18.1839, 55.3699
YIQ	119.4870, 16.9080, 57.0360

Conversions

Conversions Part 2

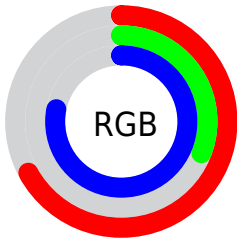
Format	Color
R_{YB}	171, 78, 198
Decimal	11226822
CIE _{Lab}	49.72, 56.07, -46.33
CIE _{LCh}	50, 72.735, 320.434
Yxy	18.1839, 0.2877, 0.1761
Android (android.graphics.Color)	4289416902 (0xFFAB4EC6)
YUV	119.4870, 38.7069, 45.1769
Hunter-Lab	42.6426, 49.7486, -47.1362

Details

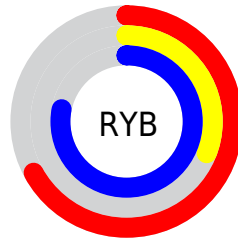
The Hex color **AB4EC6** is a dark color, and the websafe version is hex **CC66CC**. The color can be described as middle muted purple. A complement of this color would be **69C64E**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **E584FF**, and **73138F** is the 20% darker color. If you saturate the color by 10%, you get **A73AC6**, and if you desaturate by 10%, it is **AF62C6**.

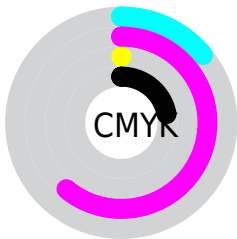
Distribution



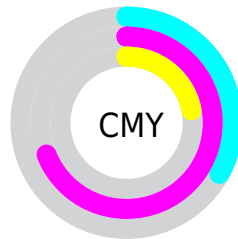
- Red (67%)
- Green (31%)
- Blue (78%)



- Red (67%)
- Yellow (31%)
- Blue (78%)



- Cyan (14%)
- Magenta (61%)
- Yellow (0%)
- Black (22%)



- Cyan (33%)
- Magenta (69%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB4EC6 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 AB4EC6 by changing the saturation by 10% instead.

■ AB4EC6

■ AB4EC6

FFFFFF

■ 8F33AA

■ E584FF

■ 73138F

■ FF9FFF

■ 580075

■ FFBCFF

■ 3D005C

■ FFD8FF

■ 270044

■ FFF5FF

■ 00002C

■ 000117

■ 000000

■ AB4EC6

■ AB4EC6

 A73AC6

 AF62C6

 A226C6

 B476C6

 9E13C6

 B889C6

 9900C6

 BD9DC6

 C1B1C6

 C6C5C6

 CAD9C6

 CFECC6

 D3FFC6

Harmonies

Analogous

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



386FEC



AB4EC6



D8298D

Triad

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



AB4EC6



A06D00



0091A0

Complementary

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



AB4EC6



69C64E

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.



009060



AB4EC6



678000

Square

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



AB4EC6



CA4F10



008B1B



008ED5

Rectangle

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



AB4EC6



E12464



008B1B



00918B

Sweetspot

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



AB4EC6



F5D1FF



4E6AC6



796380



000000



808080

Same Dimension

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



AB4EC6



D545FF



C64EA6



615A63



7E00A3



1C0024

Inverse Universe

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



C64E69



FF456F



4EC66E



635A5C



A30025



240008

Previews

White Background



This preview shows how the Hex color AB4EC6 looks on a white background.

Color Contrast Check

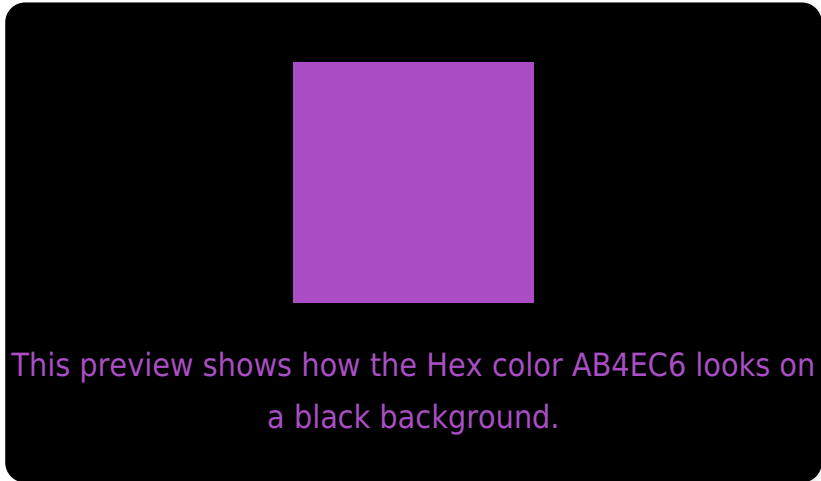
Large Text (above 18pt) WCAG AA ✓ Pass

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

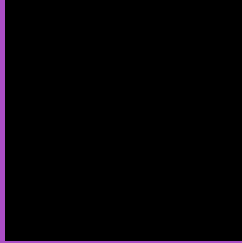
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex AB4EC6 Background



This preview shows how black text looks on a background with the Hex color AB4EC6.

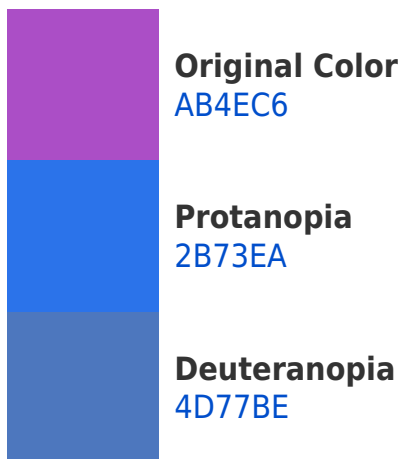



This preview shows how white text looks on a background with the Hex color AB4EC6.

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](#).

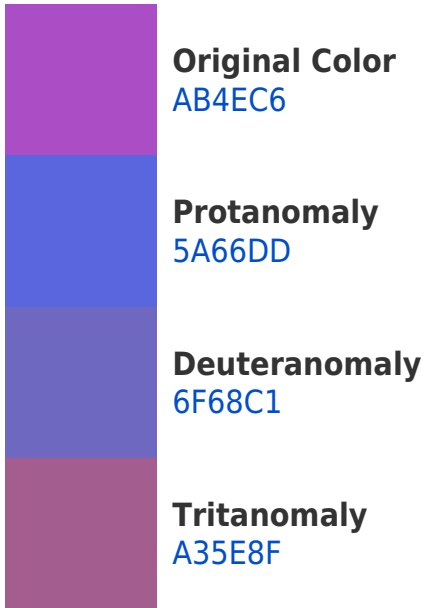
Dichromacy



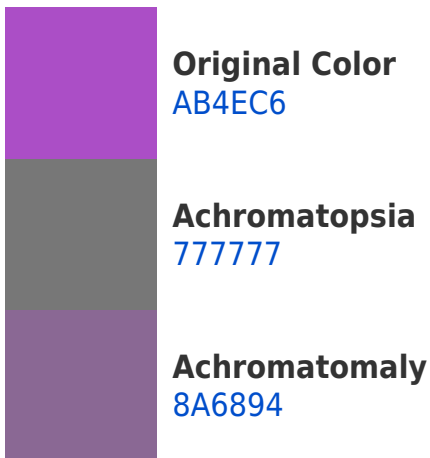


Tritanopia
9F676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB4EC6 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 #AB4EC6 looks like.

```
.text, #text, p{  
    color:#AB4EC6  
}
```

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 #AB4EC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB4EC6
}
```

Border

The CSS property to change the border of an element to Hex AB4EC6 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
#AB4EC6 }
```

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

```
.border{ border-color:#AB4EC6 }
```

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

Here you see how a box with a 4 pixel #AB4EC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB4EC6; -webkit-box-shadow:4px 4px  
4px 4px #AB4EC6; box-shadow:4px 4px 4px  
4px #AB4EC6 }
```

Background

The CSS property to change the background color of an element to Hex AB4EC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB4EC6 }
```

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

```
.background{ background-color:#AB4EC6 }
```

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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