

Converting Colors

Hex(AB64BE)

Have a look what the booklet for
Hex(AB64BE) contains.

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Color

Hex(**AB64BE**)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | AB64BE |
| RGB | 171, 100, 190 |
| RGB Percent | 67%, 39%, 75% |
| CMY | 0.3294, 0.6078, 0.2549 |
| CMYK | 0.10, 0.47, 0.00, 0.25 |
| HSL | 287°, 41%, 57% |
| HSV | 287°, 47%, 75% |
| XYZ | 30.6460, 21.4900, 51.2480 |
| YIQ | 131.4890, 13.4260, 43.0420 |

Conversions

Conversions Part 2

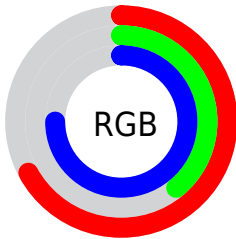
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 171, 100, 190 |
| Decimal | 11232446 |
| CIE Lab | 53.48, 43.37, -35.78 |
| CIE LCh | 53, 56.222, 320.479 |
| Yxy | 21.4900, 0.2964, 0.2079 |
| Android (android.graphics.Color) | 4289422526 (0xFFAB64BE) |
| YUV | 131.4890, 28.8459, 34.6511 |
| Hunter-Lab | 46.3573, 36.8781, -33.0950 |

Details

The Hex color **AB64BE** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **77BE64**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **E499F7**, and **753188** is the 20% darker color. If you saturate the color by 10%, you get **A751BE**, and if you desaturate by 10%, it is **AF77BE**.

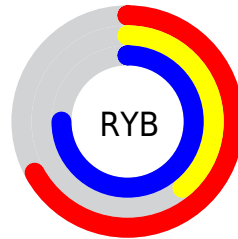
Distribution



Red (67%)

Green (39%)

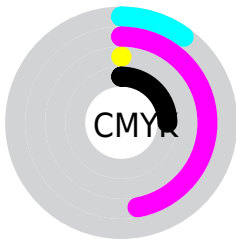
Blue (75%)



Red (67%)

Yellow (39%)

Blue (75%)

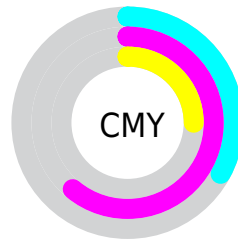


Cyan (10%)

Magenta (47%)

Yellow (0%)

Black (25%)



Cyan (33%)

Magenta (61%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB64BE 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 AB64BE by changing the saturation by 10% instead.

 AB64BE

 AB64BE

FFFFFF

 904BA3

 E499F7

 753188

 FFB4FF

 5A176E

 FFD0FF

 410056

 FFEDFF

 29003E

 080027

 000111

 000000

 AB64BE

 AB64BE

 A751BE

 AF77BE

 A33EBE

 B38ABE

 9F2BBE

 B79DBE

 9B18BE

 BBB0BE

 9705BE

 BFC3BE

 9600BE

 C3D6BE

 C7E9BE

 CBFCBE

 CFFFBE

Harmonies

Analogous

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



6279DB



AB64BE



CF5391

Triad

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



AB64BE



A57814



0097A0

Complementary

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



AB64BE



77BE64

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.



00966E



AB64BE



788718

Square

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



AB64BE



C76436



3B913E



0093CA

Rectangle

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



AB64BE



D75171



3B913E



009790

Sweetspot

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



AB64BE



F0D5F7



6478BE



78687D



FCFCFC



7D7D7D

Same Dimension

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



AB64BE



DA6AF7



BE64A5



5C555E



7D009E



18001F

Inverse Universe

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



BE6477



F76A88



64BE7E



5E5557



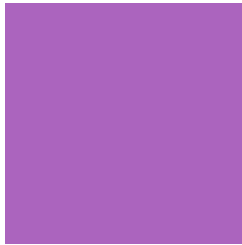
9E0021



1F0006

Previews

White Background



This preview shows how the Hex color AB64BE looks on a white background.

Color Contrast Check

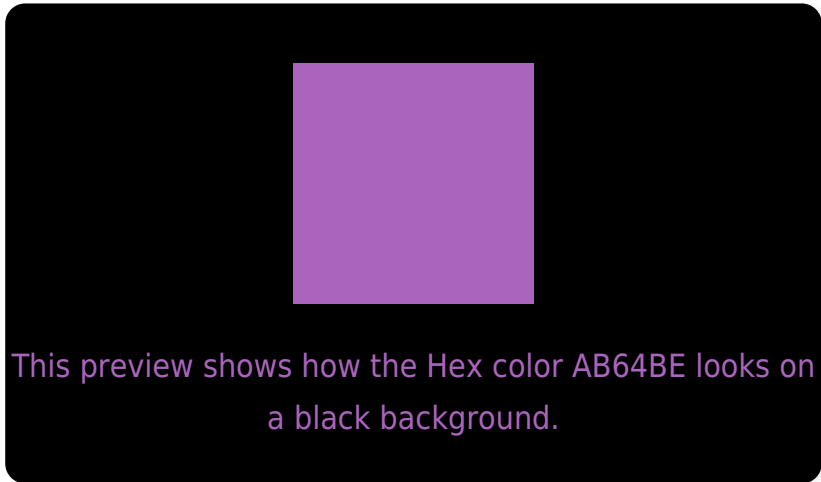
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

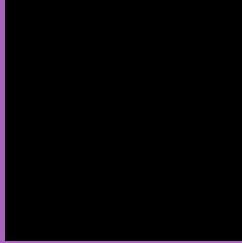
Any Text WCAG AA ✓ Pass

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 AB64BE Background



This preview shows how black text looks on a background with the Hex color AB64BE.

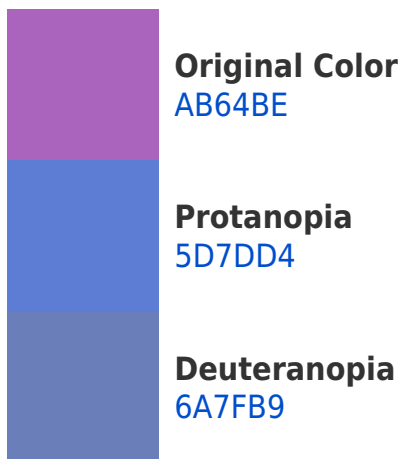


This preview shows how white text looks on a background with the Hex color AB64BE.

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](#).

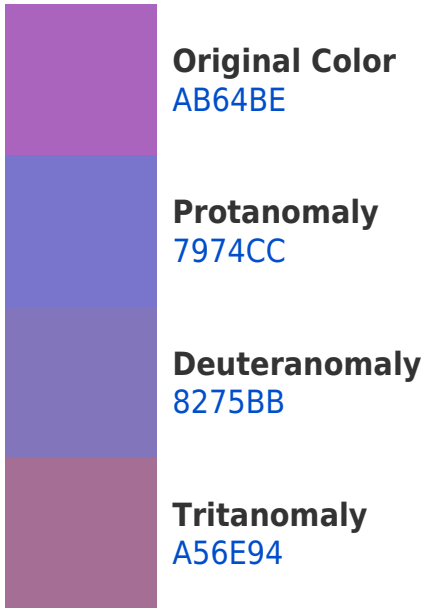
Dichromacy



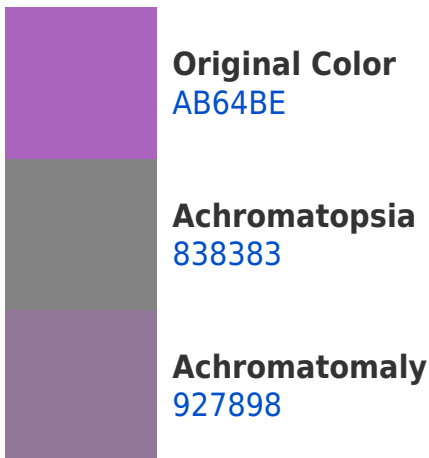


Tritanopia
A2737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB64BE 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 #AB64BE looks like.

```
.text, #text, p{  
    color:#AB64BE  
}
```

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 #AB64BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB64BE
}
```

Border

The CSS property to change the border of an element to Hex AB64BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

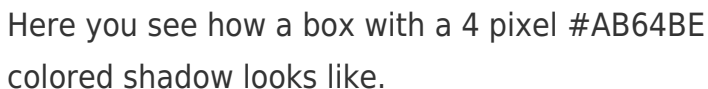
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB64BE }
```

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

```
.border{ border-color:#AB64BE }
```

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



Here you see how a box with a 4 pixel #AB64BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB64BE; -webkit-box-shadow:4px 4px  
4px 4px #AB64BE; box-shadow:4px 4px 4px  
4px #AB64BE }
```

Background

The CSS property to change the background color of an element to Hex AB64BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB64BE }
```

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

```
.background{ background-color:#AB64BE }
```

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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