

Converting Colors

Hex(AB64BA)

Have a look what the booklet for
Hex(AB64BA) contains.

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Color

Hex(**AB64BA**)

Conversions

Conversions Part 1

Format	Color
Hex	AB64BA
RGB	171, 100, 186
RGB Percent	67%, 39%, 73%
CMY	0.3294, 0.6078, 0.2706
CMYK	0.08, 0.46, 0.00, 0.27
HSL	290°, 38%, 56%
HSV	290°, 46%, 73%
XYZ	30.2147, 21.3174, 48.9766
YIQ	131.0330, 14.7100, 41.7980

Conversions

Conversions Part 2

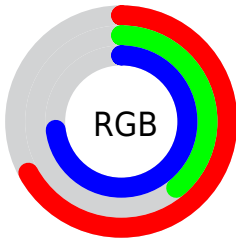
Format	Color
R _{YB}	171, 100, 186
Decimal	11232442
CIE _{Lab}	53.30, 42.56, -33.77
CIE _{LCh}	53, 54.325, 321.570
Y _{xy}	21.3174, 0.3006, 0.2121
Android (android.graphics.Color)	4289422522 (0xFFAB64BA)
Y _{UV}	131.0330, 27.0987, 35.0511
Hunter-Lab	46.1708, 36.0134, -30.5734

Details

The Hex color **AB64BA** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **73BA64**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **E499F2**, and **753184** is the 20% darker color. If you saturate the color by 10%, you get **A851BA**, and if you desaturate by 10%, it is **AE77BA**.

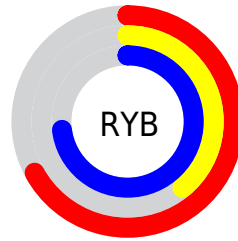
Distribution



Red (67%)

Green (39%)

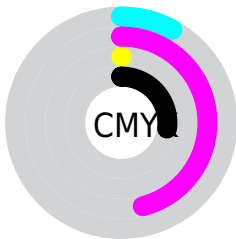
Blue (73%)



Red (67%)

Yellow (39%)

Blue (73%)

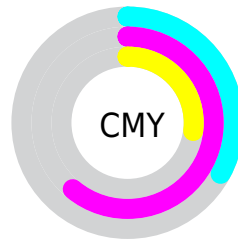


Cyan (8%)

Magenta (46%)

Yellow (0%)

Black (27%)



Cyan (33%)

Magenta (61%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB64BA 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 AB64BA by changing the saturation by 10% instead.

 AB64BA

 AB64BA

FFFFFF

 904B9F

 E499F2

 753184

 FFB4FF


 5B176B

 FFD0FF

 410052

 FFEDFF

 2A003B

 080024

 00000C

 000000

 AB64BA

 AB64BA

 A851BA

 AE77BA

 A53FBA

 B189BA

 A12CBA

 B59CBA

 9E1ABA

 B8AEBA

 9B07BA

 BBC1BA

 9A00BA

 BED4BA

 C2E6BA

 C5F9BA

 C8FFBA

Harmonies

Analogous

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



6778D7



AB64BA



CD548F

Triad

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



AB64BA



A27819



0095A0

Complementary

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



AB64BA



73BA64

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.



009570



AB64BA



77871E

Square

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



AB64BA



C36636



3B9042



0092C8

Rectangle

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



AB64BA



D4536F



3B9042



009691

Sweetspot

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



AB64BA



ECD0F2



6474BA



77667A



FAFAFA



7A7A7A

Same Dimension

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



AB64BA



DB6DF2



BA649F



5A535C



80009C



17001C

Inverse Universe

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



BA6473



F26D84



64BA7F



5C5354



9C001B



1C0005

Previews

White Background



This preview shows how the Hex color AB64BA looks on a white background.

Color Contrast Check

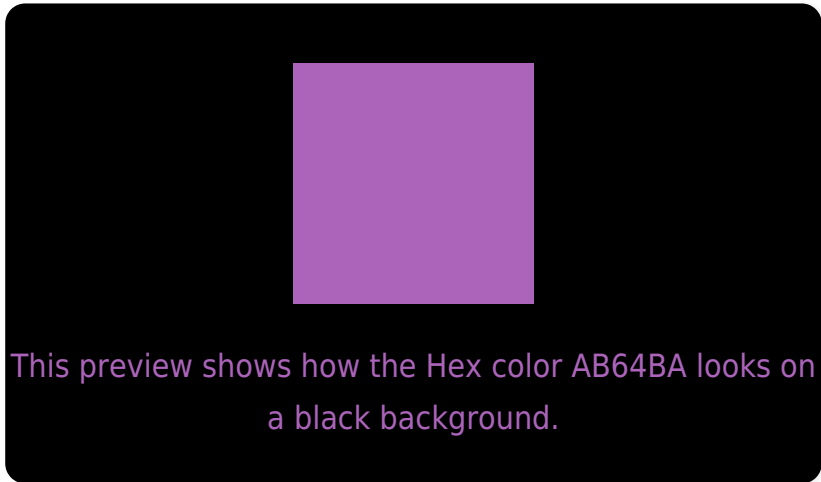
Large Text (above 18pt) WCAG AA ✓ Pass

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

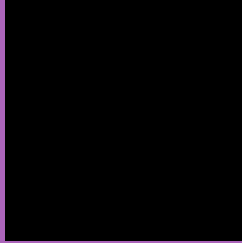
Any Text WCAG AA ✓ Pass

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 AB64BA Background



This preview shows how black text looks on a background with the Hex color AB64BA.

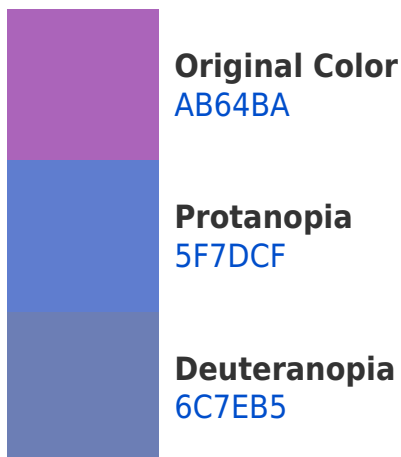


This preview shows how white text looks on a background with the Hex color AB64BA.

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
A2727B

Trichromacy



Original Color
AB64BA



Protanomaly
7B74C7



Deuteranomaly
8375B7



Tritanomaly
A56D92

Monochromacy



Original Color
AB64BA



Achromatopsia
838383



Achromatomaly
927897

CSS Examples

Text

The CSS property to change the color of the text to Hex AB64BA 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 #AB64BA looks like.

```
.text, #text, p{  
    color:#AB64BA  
}
```

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 #AB64BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB64BA
}
```

Border

The CSS property to change the border of an element to Hex AB64BA 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
#AB64BA }
```

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

```
.border{ border-color:#AB64BA }
```

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

Here you see how a box with a 4 pixel #AB64BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB64BA; -webkit-box-shadow:4px 4px  
4px 4px #AB64BA; box-shadow:4px 4px 4px  
4px #AB64BA }
```

Background

The CSS property to change the background color of an element to Hex AB64BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB64BA }
```

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

```
.background{ background-color:#AB64BA }
```

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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