

Converting Colors

Hex(AB6BD6)

Have a look what the booklet for
Hex(AB6BD6) contains.

Hex(AB6BD6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AB6BD6)

Conversions

Conversions Part 1

Format	Color
Hex	AB6BD6
RGB	171, 107, 214
RGB Percent	67%, 42%, 84%
CMY	0.3294, 0.5804, 0.1608
CMYK	0.20, 0.50, 0.00, 0.16
HSL	276°, 57%, 63%
HSV	276°, 50%, 84%
XYZ	34.1899, 24.0284, 66.4543
YIQ	138.3340, 3.7970, 46.8450

Conversions

Conversions Part 2

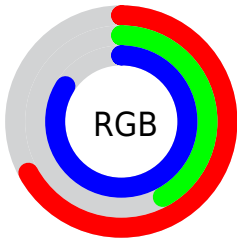
Format	Color
RYB	171, 107, 214
Decimal	11234262
CIELab	56.12, 44.75, -45.31
CIELCh	56, 63.684, 314.643
Yxy	24.0284, 0.2742, 0.1927
Android (android.graphics.Color)	4289424342 (0xFFAB6BD6)
YUV	138.3340, 37.3033, 28.6481
Hunter-Lab	49.0187, 38.7185, -46.0658

Details

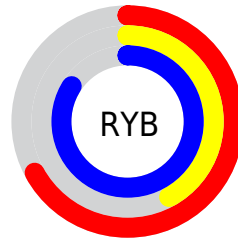
The Hex color **AB6BD6** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **96D66B**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **E4A0FF**, and **74389F** is the 20% darker color. If you saturate the color by 10%, you get **A256D6**, and if you desaturate by 10%, it is **B480D6**.

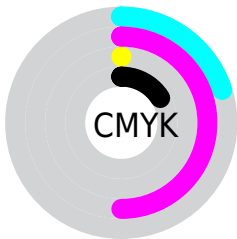
Distribution



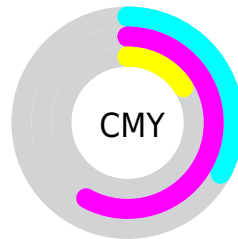
- Red (67%)
- Green (42%)
- Blue (84%)



- Red (67%)
- Yellow (42%)
- Blue (84%)



- Cyan (20%)
- Magenta (50%)
- Yellow (0%)
- Black (16%)



- Cyan (33%)
- Magenta (58%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB6BD6 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 AB6BD6 by changing the saturation by 10% instead.

 AB6BD6

 AB6BD6

FFFFFF

 8F51BA

 E4A0FF

 74389F

 FFBCFF

 591F84

 FFD8FF

 3F016A

 FFF5FF

 240052

 08003A

 000223

 00000A

 000000

 AB6BD6

 AB6BD6

 A256D6

 B480D6

 9A40D6

 BC96D6

 912BD6

 C5ABD6

 8915D6

 CDC1D6

 8000D6

 D6D6D6

 DFEBD6

 E7FFD6

 F0FFD6

 F8FFD6

Harmonies

Analogous

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



4384F2



AB6BD6



DB53A5

Triad

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



AB6BD6



B87906



00A0A1

Complementary

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



AB6BD6



96D66B

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.



009E67



AB6BD6



888C00

Square

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



AB6BD6



DB613A



469830



009ED3

Rectangle

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



AB6BD6



E84D80



469830



00A08E

Sweetspot

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



AB6BD6



F0D9FF



6B98D6



766980



000000



808080

Same Dimension

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



AB6BD6



C266FF



D66BCD



67606B



6600AB



1A002B

Inverse Universe

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



D66B96



FF66A3



6BD674



6B6065



AB0045



2B0011

Previews

White Background



This preview shows how the Hex color AB6BD6 looks on a white background.

Color Contrast Check

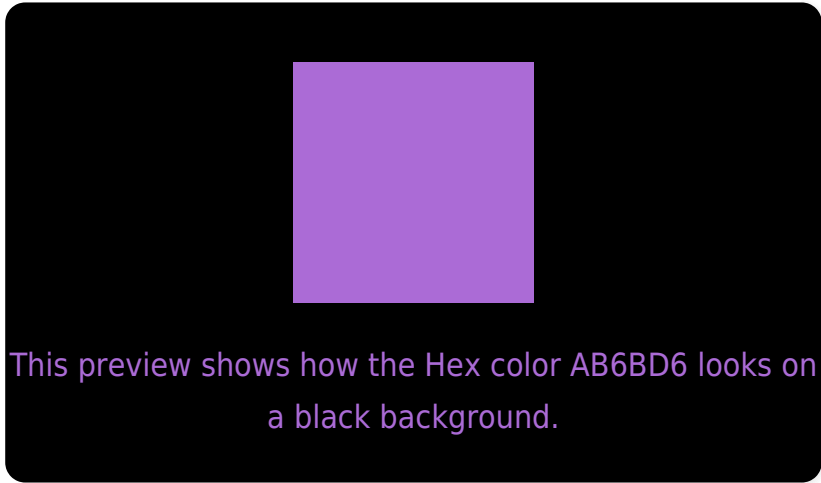
Large Text (above 18pt) WCAG AA ✓ Pass

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

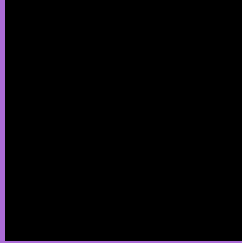
Any Text WCAG AA ✓ Pass

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 AB6BD6 Background



This preview shows how black text looks on a background with the Hex color AB6BD6.

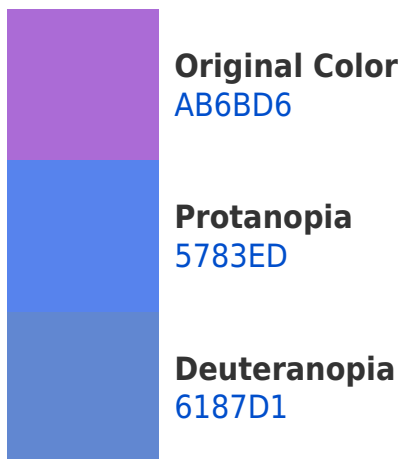


This preview shows how white text looks on a background with the Hex color AB6BD6.

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
9E7E88

Trichromacy



Original Color
AB6BD6



Protanomaly
767AE5



Deuteranomaly
7C7DD3



Tritanomaly
A377A4

Monochromacy



Original Color
AB6BD6



Achromatopsia
8A8A8A



Achromatomaly
967FA6

CSS Examples

Text

The CSS property to change the color of the text to Hex AB6BD6 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 #AB6BD6 looks like.

```
.text, #text, p{  
    color:#AB6BD6  
}
```

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 #AB6BD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB6BD6
}
```

Border

The CSS property to change the border of an element to Hex AB6BD6 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
#AB6BD6 }
```

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

```
.border{ border-color:#AB6BD6 }
```

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

Here you see how a box with a 4 pixel #AB6BD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB6BD6; -webkit-box-shadow:4px 4px  
4px 4px #AB6BD6; box-shadow:4px 4px 4px  
4px #AB6BD6 }
```

Background

The CSS property to change the background color of an element to Hex AB6BD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB6BD6 }
```

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

```
.background{ background-color:#AB6BD6 }
```

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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