

# Converting Colors

Hex(AB86E6)

Have a look what the booklet for  
Hex(AB86E6) contains.

<b>Hex(AB86E6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(AB86E6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB86E6
RGB	171, 134, 230
RGB Percent	67%, 53%, 90%
CMY	0.3294, 0.4745, 0.0980
CMYK	0.26, 0.42, 0.00, 0.10
HSL	263°, 66%, 71%
HSV	263°, 42%, 90%
XYZ	39.6026, 31.4213, 78.8405
YIQ	156.0070, -8.7640, 37.7000

# Conversions

## Conversions Part 2

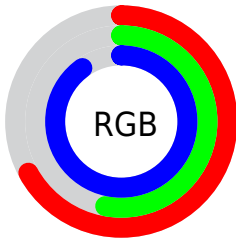
Format	Color
<a href="#">RYB</a>	<a href="#">171, 134, 230</a>
Decimal	<a href="#">11241190</a>
CIELab	<a href="#">62.86, 33.53, -43.63</a>
CIElCh	<a href="#">63, 55.022, 307.544</a>
Yxy	<a href="#">31.4213, 0.2643, 0.2097</a>
Android (android.graphics.Color)	<a href="#">4289431270</a> ( <a href="#">0xFFAB86E6</a> )
YUV	<a href="#">156.0070, 36.4785, 13.1489</a>
Hunter-Lab	<a href="#">56.0547, 28.0144, -44.1527</a>

# Details

The Hex color **AB86E6** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C1E686**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **E4BCFF**, and **7454AE** is the 20% darker color. If you saturate the color by 10%, you get **9D6FE6**, and if you desaturate by 10%, it is **B99DE6**.

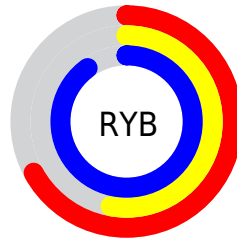
# Distribution



Red (67%)

Green (53%)

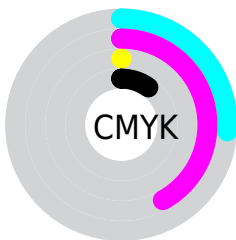
Blue (90%)



Red (67%)

Yellow (53%)

Blue (90%)

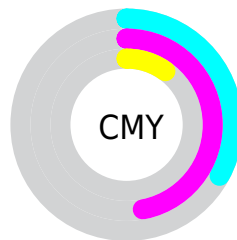


Cyan (26%)

Magenta (42%)

Yellow (0%)

Black (10%)



Cyan (33%)

Magenta (47%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB86E6 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 AB86E6 by changing the saturation by 10% instead.



 AB86E6

 AB86E6

FFFFFF

 8F6CCA

 E4BCFF

 7454AE

 FFD8FF

 5A3C93

 FFF4FF

 402579

 250E5F

 080047

 000230

 00011A

 000000

 AB86E6

 AB86E6

 9D6FE6

 B99DE6

 8F58E6

 C7B4E6

 8141E6

 D5CBE6

 722AE6

 E4E2E6

 6413E6

 F2F9E6

 5900E6

 FFFFE6

# Harmonies

## Analogous

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



4F99F9



AB86E6



DD73BE

# Triad

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



AB86E6



D0883C



00B0A3

# Complementary

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



AB86E6



C1E686

# 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.



18AD71



AB86E6



A79A30

# Square

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



AB86E6



EB765F



73A646



00AED2

# Rectangle

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



AB86E6



EE6C9E



73A646



00B092



# Sweetspot

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



AB86E6



EBDEFF



86C1E6



736B80



000000



808080



# Same Dimension

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



AB86E6



B180FF



DB86E6



6C6773



4500B3



140033



# Inverse Universe

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



E686C1



FF80CE



91E686



73676E



B3006E

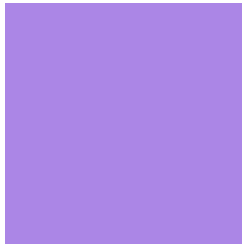


33001F



# Previews

## White Background



This preview shows how the Hex color AB86E6 looks on a white background.

## Color Contrast Check

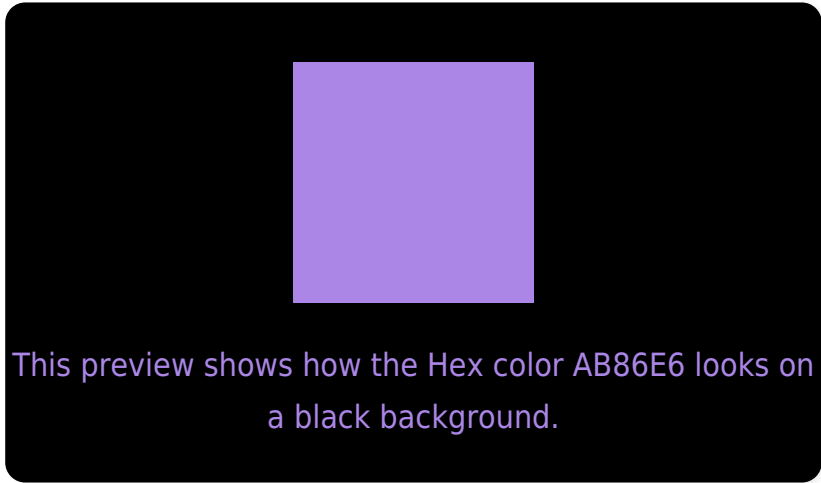
Large Text (above 18pt) WCAG AA × Fail

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

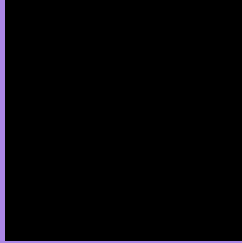
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AB86E6 Background



This preview shows how black text looks on a background with the Hex color AB86E6.

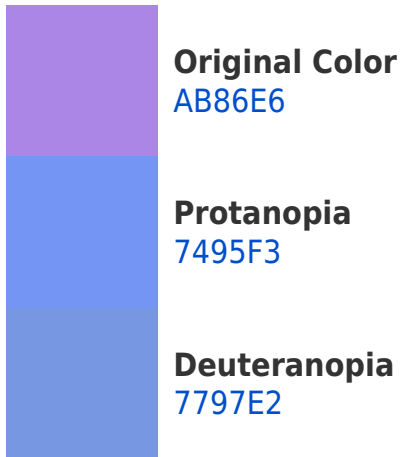


This preview shows how white text looks on a background with the Hex color AB86E6.

# 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**  
9E95A1

# Trichromacy



**Original Color**  
AB86E6

**Protanomaly**  
8890EE

**Deuteranomaly**  
8A91E3

**Tritanomaly**  
A390BA

# Monochromacy



**Original Color**  
AB86E6

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
A194B7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB86E6 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 #AB86E6 looks like.

```
.text, #text, p{  
    color:#AB86E6  
}
```

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 #AB86E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB86E6
}
```

## Border

The CSS property to change the border of an element to Hex AB86E6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

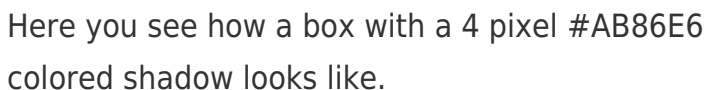
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB86E6 }
```

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

```
.border{ border-color:#AB86E6 }
```

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



Here you see how a box with a 4 pixel `#AB86E6` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB86E6; -webkit-box-shadow:4px 4px  
4px 4px #AB86E6; box-shadow:4px 4px 4px  
4px #AB86E6 }
```

# Background

The CSS property to change the background color of an element to Hex AB86E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB86E6 }
```

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

```
.background{ background-color:#AB86E6 }
```

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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