

Converting Colors

Hex(AB7DE5)

Have a look what the booklet for
Hex(AB7DE5) contains.

Hex(AB7DE5)	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(**AB7DE5**)

Conversions

Conversions Part 1

Format	Color
Hex	AB7DE5
RGB	171, 125, 229
RGB Percent	67%, 49%, 90%
CMY	0.3294, 0.5098, 0.1020
CMYK	0.25, 0.45, 0.00, 0.10
HSL	267°, 67%, 69%
HSV	267°, 45%, 90%
XYZ	38.2711, 28.9823, 77.7058
YIQ	150.6100, -5.9680, 42.0960

Conversions

Conversions Part 2

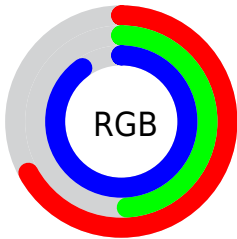
Format	Color
RYB	171, 125, 229
Decimal	11238885
CIELab	60.77, 38.33, -46.37
CIELCh	61, 60.163, 309.574
Yxy	28.9823, 0.2640, 0.1999
Android (android.graphics.Color)	4289428965 (0xFFAB7DE5)
YUV	150.6100, 38.6463, 17.8820
Hunter-Lab	53.8352, 32.6827, -47.8946

Details

The Hex color **AB7DE5** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B7E57D**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **E4B2FF**, and **744BAD** is the 20% darker color. If you saturate the color by 10%, you get **9E66E5**, and if you desaturate by 10%, it is **B894E5**.

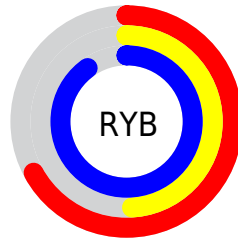
Distribution



Red (67%)

Green (49%)

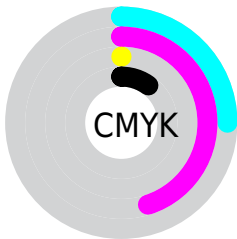
Blue (90%)



Red (67%)

Yellow (49%)

Blue (90%)

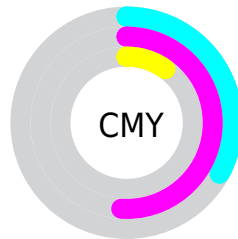


Cyan (25%)

Magenta (45%)

Yellow (0%)

Black (10%)



Cyan (33%)

Magenta (51%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB7DE5 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 AB7DE5 by changing the saturation by 10% instead.

 AB7DE5

 AB7DE5

FFFFFF

 8F63C9

 E4B2FF

 744BAD

 FFCEFF

 593392

 FFE8FF

 3F1B78

 23035E

 0A0046

 00042F

 000119

 000000

AB7DE5

AB7DE5

9E66E5

B894E5

914FE5

C5ABE5

8538E5

D1C2E5

7821E5

DED9E5

6B0AE5

EBF0E5

6500E5

F8FFE5

FFFE5

Harmonies

Analogous

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



4193FC



AB7DE5



DF67B9

Triad

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



AB7DE5



CB8329



00ACA3

Complementary

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



AB7DE5



B7E57D

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.



00A96B



AB7DE5



9E951B

Square

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



AB7DE5



EA6D51



64A23A



00AAD5

Rectangle

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



AB7DE5



F06096



64A23A



00AC90

Sweetspot

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



AB7DE5



EBDBFF



7DB8E5



736A80



000000



808080

Same Dimension

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



AB7DE5



B275FF



DE7DE5



6C6773



4F00B3



170033

Inverse Universe

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



E57DB7



FF75C2



84E57D



73676E



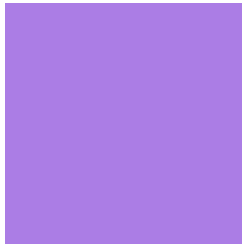
B30064



33001C

Previews

White Background



This preview shows how the Hex color AB7DE5 looks on a white background.

Color Contrast Check

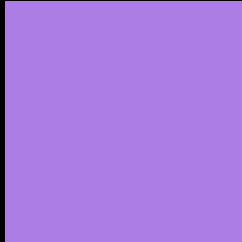
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color AB7DE5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

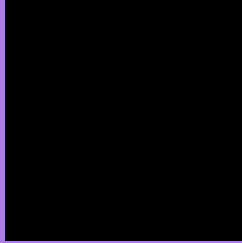
Any Text WCAG AA ✓ Pass

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 AB7DE5 Background



This preview shows how black text looks on a background with the Hex color AB7DE5.

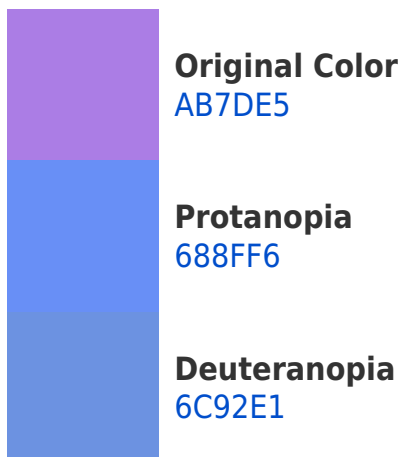


This preview shows how white text looks on a background with the Hex color AB7DE5.

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](#).

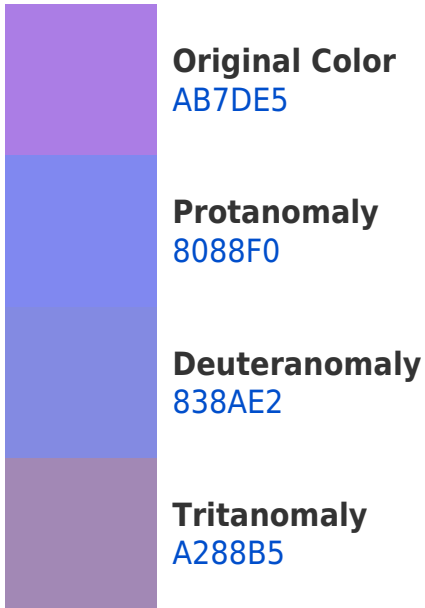
Dichromacy



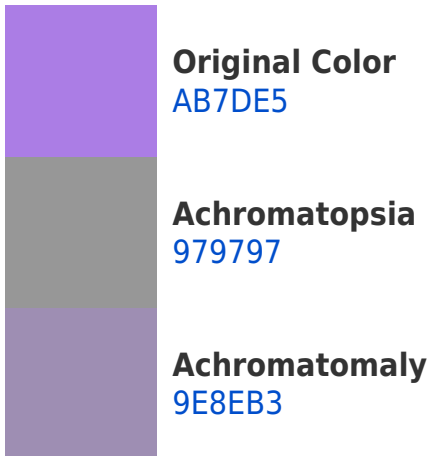


Tritanopia
9D8E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB7DE5 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 #AB7DE5 looks like.

```
.text, #text, p{  
    color:#AB7DE5  
}
```

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 #AB7DE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB7DE5
}
```

Border

The CSS property to change the border of an element to Hex AB7DE5 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
#AB7DE5 }
```

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

```
.border{ border-color:#AB7DE5 }
```

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

Here you see how a box with a 4 pixel #AB7DE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB7DE5; -webkit-box-shadow:4px 4px  
4px 4px #AB7DE5; box-shadow:4px 4px 4px  
4px #AB7DE5 }
```

Background

The CSS property to change the background color of an element to Hex AB7DE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB7DE5 }
```

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

```
.background{ background-color:#AB7DE5 }
```

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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