

Converting Colors

Hex(AB35D7)

Have a look what the booklet for
Hex(AB35D7) contains.

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Color

Hex(AB35D7)

Conversions

Conversions Part 1

Format	Color
Hex	AB35D7
RGB	171, 53, 215
RGB Percent	67%, 21%, 84%
CMY	0.3294, 0.7922, 0.1569
CMYK	0.20, 0.75, 0.00, 0.16
HSL	284°, 67%, 53%
HSV	284°, 75%, 84%
XYZ	30.3334, 16.1104, 65.8009
YIQ	106.7500, 18.3260, 75.3980

Conversions

Conversions Part 2

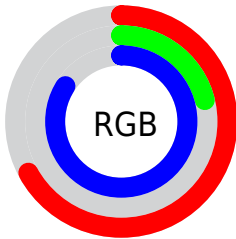
Format	Color
R_{YB}	171, 53, 215
Decimal	11220439
CIE _{Lab}	47.12, 69.62, -60.27
CIE _{LCh}	47, 92.084, 319.121
Yxy	16.1104, 0.2702, 0.1435
Android (android.graphics.Color)	4289410519 (0xFFAB35D7)
YUV	106.7500, 53.3672, 56.3473
Hunter-Lab	40.1378, 64.6571, -69.1020

Details

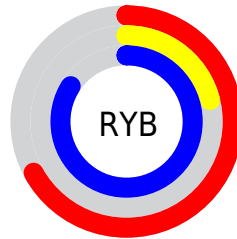
The Hex color **AB35D7** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **61D735**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **E670FF**, and **71009F** is the 20% darker color. If you saturate the color by 10%, you get **A520D7**, and if you desaturate by 10%, it is **B14BD7**.

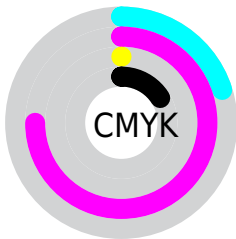
Distribution



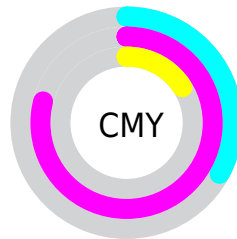
- Red (67%)
- Green (21%)
- Blue (84%)



- Red (67%)
- Yellow (21%)
- Blue (84%)



- Cyan (20%)
- Magenta (75%)
- Yellow (0%)
- Black (16%)



- Cyan (33%)
- Magenta (79%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB35D7 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 AB35D7 by changing the saturation by 10% instead.

 AB35D7

 AB35D7

FFFFFF

 8E0CBB

 E670FF

 71009F

 FF8CFF

 550084

 FFA8FF

 38006A

 FFC5FF

 1B0051

 FFE2FF

 000039

 000222

 000009

 000000

 AB35D7

 AB35D7

 A520D7

 B14BD7

 9F0AD7

 B760D7

 9D00D7

 BD76D7

 C28BD7

 C8A1D7

 CEB6D7

 D4CCD7

 DAE1D7

 E0F7D7

Harmonies

Analogous

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



0069FF



AB35D7



E6008F

Triad

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



AB35D7



A06300



008EA1

Complementary

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



AB35D7



61D735

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.



008C50



AB35D7



5A7B00

Square

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



AB35D7



D33200



008700



008DE6

Rectangle

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



AB35D7



F0005C



008700



008E86

Sweetspot

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



AB35D7



EFC4FF



3563D7



765C80



000000



808080

Same Dimension

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



AB35D7



C119FF



D735B4



68606B



7C00AB



20002B

Inverse Universe

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



D73561



FF1958



35D758



6B6063



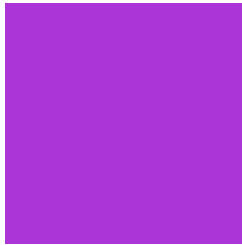
AB002E



2B000C

Previews

White Background



This preview shows how the Hex color AB35D7 looks on a white background.

Color Contrast Check

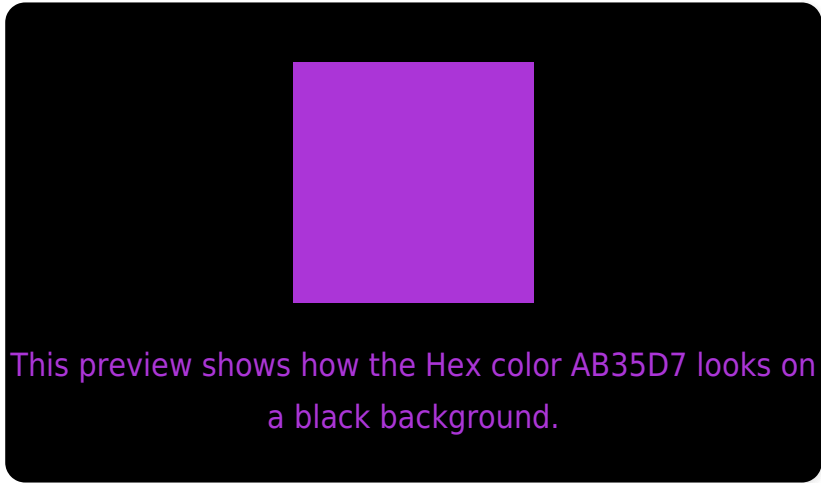
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

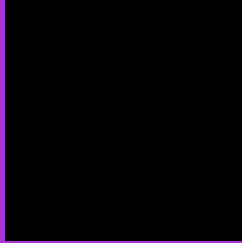
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex AB35D7 Background



This preview shows how black text looks on a background with the Hex color AB35D7.

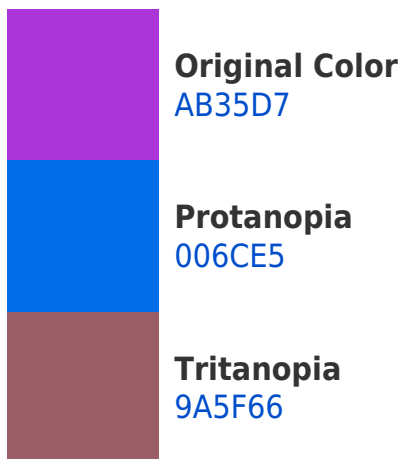


This preview shows how white text looks on a background with the Hex color AB35D7.

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



Trichromacy



Original Color
AB35D7



Protanomaly
3E58E0

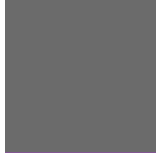


Tritanomaly
A0508F

Monochromacy



Original Color
AB35D7



Achromatopsia
6B6B6B



Achromatomaly
825792

CSS Examples

Text

The CSS property to change the color of the text to Hex AB35D7 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 #AB35D7 looks like.

```
.text, #text, p{  
    color:#AB35D7  
}
```

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 #AB35D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB35D7
}
```

Border

The CSS property to change the border of an element to Hex AB35D7 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
#AB35D7 }
```

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

```
.border{ border-color:#AB35D7 }
```

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

Here you see how a box with a 4 pixel #AB35D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB35D7; -webkit-box-shadow:4px 4px  
4px 4px #AB35D7; box-shadow:4px 4px 4px  
4px #AB35D7 }
```

Background

The CSS property to change the background color of an element to Hex AB35D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB35D7 }
```

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

```
.background{ background-color:#AB35D7 }
```

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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