

Converting Colors

Hex(AE35FD)

Have a look what the booklet for
Hex(AE35FD) contains.

Hex(AE35FD)	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(AE35FD)

Conversions

Conversions Part 1

Format	Color
Hex	AE35FD
RGB	174, 53, 253
RGB Percent	68%, 21%, 99%
CMY	0.3176, 0.7922, 0.0078
CMYK	0.31, 0.79, 0.00, 0.01
HSL	276°, 98%, 60%
HSV	276°, 79%, 99%
XYZ	36.4583, 18.6367, 94.6042
YIQ	111.9790, 7.9160, 87.8520

Conversions

Conversions Part 2

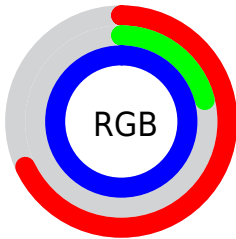
Format	Color
RYB	174, 53, 253
Decimal	11417085
CIELab	50.26, 77.69, -76.60
CIELCh	50, 109.106, 315.404
Yxy	18.6367, 0.2435, 0.1245
Android (android.graphics.Color)	4289607165 (0xFFAE35FD)
YUV	111.9790, 69.5234, 54.3924
Hunter-Lab	43.1703, 75.1994, -99.7101

Details

The Hex color **AE35FD** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **84FD35**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **EB72FF**, and **7200C3** is the 20% darker color. If you saturate the color by 10%, you get **A41CFD**, and if you desaturate by 10%, it is **B84EFD**.

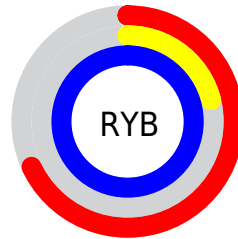
Distribution



Red (68%)

Green (21%)

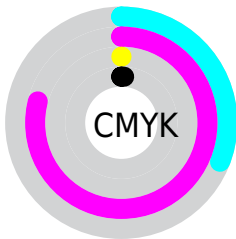
Blue (99%)



Red (68%)

Yellow (21%)

Blue (99%)

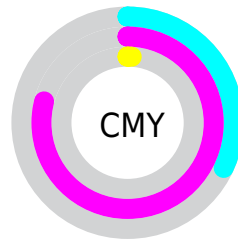


Cyan (31%)

Magenta (79%)

Yellow (0%)

Black (1%)



Cyan (32%)

Magenta (79%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE35FD 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 AE35FD by changing the saturation by 10% instead.

 AE35FD

 AE35FD

FFFFFF

 9006E0

 EB72FF

 7200C3

 FF8EFF

 5300A7

 FFABFF

 31008C

 FFC8FF

 040071

 FFE6FF

 000058

 00063F

 000328

 000112

 AE35FD

 AE35FD

 A41CFD

 B84EFD

 9A02FD

 C268FD

 9900FD

 CC81FD

 D69AFD

 E0B4FD

 EACDFD

 F4E6FD

FEFFFD

FFFFFD

Harmonies

Analogous

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



0076FF



AE35FD



FE00A9

Triad

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



AE35FD



B66300



009AA7

Complementary

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



AE35FD



84FD35

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.



009744



AE35FD



658200

Square

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



AE35FD



F10000



009100



009AFD

Rectangle

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



AE35FD



FF006C



009100



009987

Sweetspot

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



AE35FD



E7C2FF



3585FD



715B80



000000



808080

Same Dimension

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



AE35FD



9F0DFF



FD35E9



7A7380



7400BF



270040

Inverse Universe

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



FD3584



FF0D6C



35FD49



807378



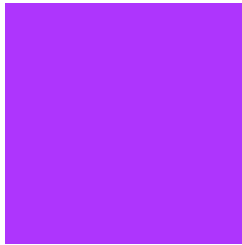
BF004C



400019

Previews

White Background



This preview shows how the Hex color AE35FD looks on a white background.

Color Contrast Check

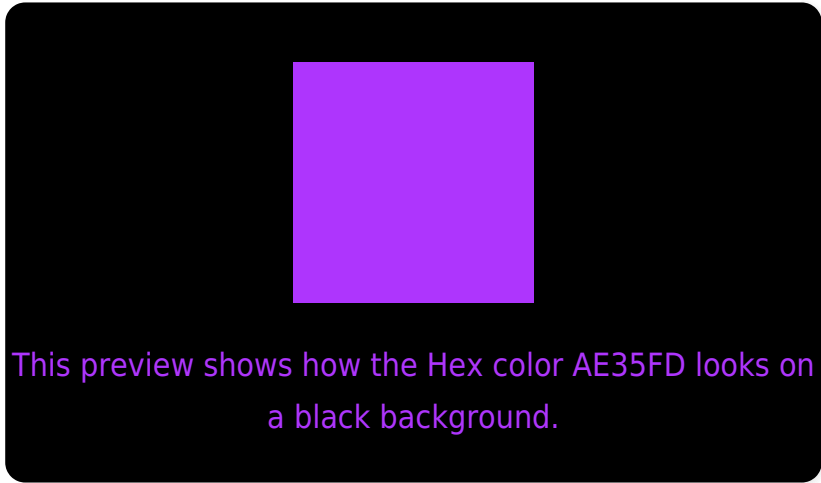
Large Text (above 18pt) WCAG AA ✓ Pass

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 AE35FD Background



This preview shows how black text looks on a background with the Hex color AE35FD.

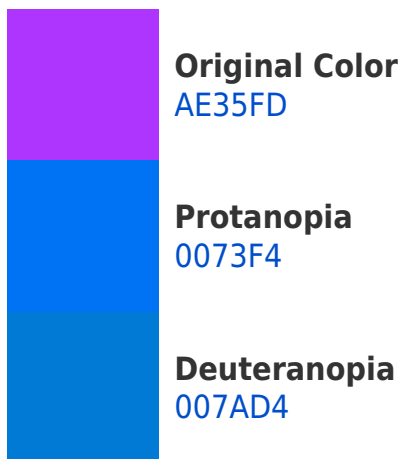



This preview shows how white text looks on a background with the Hex color AE35FD.

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](#).

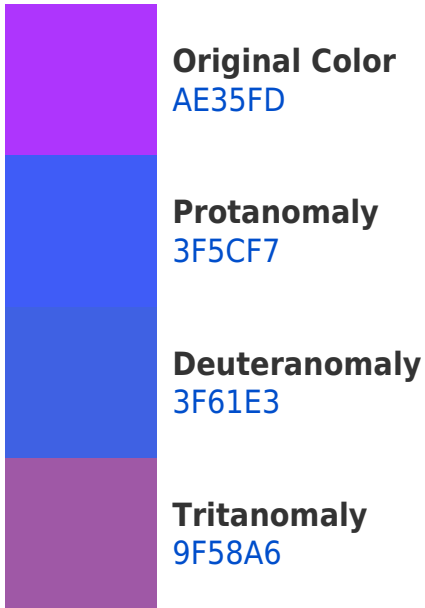
Dichromacy



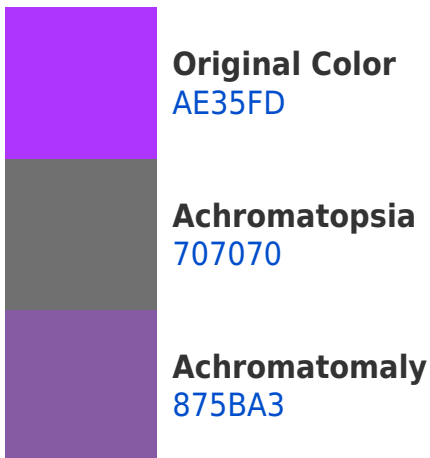


Tritanopia
966C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AE35FD 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 #AE35FD looks like.

```
.text, #text, p{  
    color:#AE35FD  
}
```

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 #AE35FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE35FD
}
```

Border

The CSS property to change the border of an element to Hex AE35FD is called "border". The border property can be set on classes, ids or directly on the HTML element.

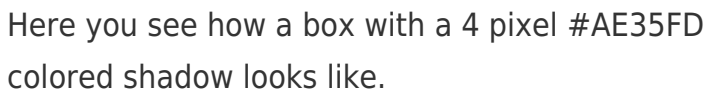
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE35FD }
```

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

```
.border{ border-color:#AE35FD }
```

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



Here you see how a box with a 4 pixel `#AE35FD` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE35FD; -webkit-box-shadow:4px 4px  
4px 4px #AE35FD; box-shadow:4px 4px 4px  
4px #AE35FD }
```

Background

The CSS property to change the background color of an element to Hex AE35FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE35FD }
```

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

```
.background{ background-color:#AE35FD }
```

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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