

Converting Colors

Hex(AE31FF)

Have a look what the booklet for
Hex(AE31FF) contains.

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Color

Hex(AE31FF)

Conversions

Conversions Part 1

Format	Color
Hex	AE31FF
RGB	174, 49, 255
RGB Percent	68%, 19%, 100%
CMY	0.3176, 0.8078, 0.0000
CMYK	0.32, 0.81, 0.00, 0.00
HSL	276°, 100%, 60%
HSV	276°, 81%, 100%
XYZ	36.6039, 18.4153, 96.2330
YIQ	109.8590, 8.3740, 90.5660

Conversions

Conversions Part 2

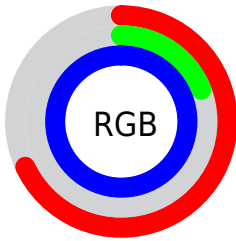
Format	Color
RYB	174, 49, 255
Decimal	11416063
CIELab	50.00, 79.31, -78.15
CIElCh	50, 111.342, 315.423
Yxy	18.4153, 0.2420, 0.1218
Android (android.graphics.Color)	4289606143 (0xFFAE31FF)
YUV	109.8590, 71.5545, 56.2517
Hunter-Lab	42.9130, 77.1587, -102.9194

Details

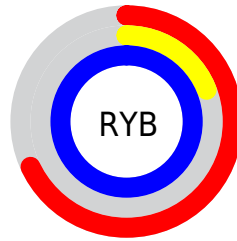
The Hex color **AE31FF** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **82FF31**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **EB6FFF**, and **7100C5** is the 20% darker color. If you saturate the color by 10%, you get **A418FF**, and if you desaturate by 10%, it is **B84BFF**.

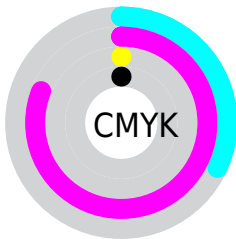
Distribution



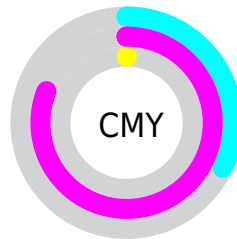
- Red (68%)
- Green (19%)
- Blue (100%)



- Red (68%)
- Yellow (19%)
- Blue (100%)



- Cyan (32%)
- Magenta (81%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (81%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE31FF 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 AE31FF by changing the saturation by 10% instead.

 AE31FF

 AE31FF

FFFFFF

 9000E2

 EB6FFF

 7100C5

 FF8CFF

 5200A9

 FFA9FF

 30008D

 FFC6FF

 000073

 FFE4FF

 000059

 000740

 000329

 000114

 AE31FF

 AE31FF

 A418FF

 B84BFF

 9B00FF

 C264FF

 CC7EFF

 D697FF

 E0B1FF

 EACAFF

 F4E4FF

 FEFDFD

FFFFFF

Harmonies

Analogous

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



0075FF



AE31FF



FF00A9

Triad

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



AE31FF



B66100



009AA7

Complementary

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



AE31FF



82FF31

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.



009743



AE31FF



638200

Square

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



AE31FF



F20000



009100



009AFF

Rectangle

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



AE31FF



FF006B



009100



009987

Sweetspot

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



AE31FF



E7C2FF



3183FF



715B80



000000



808080

Same Dimension

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



AE31FF



9E08FF



FF31EA



7A7380



7400BF



270040

Inverse Universe

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



FF3182



FF0869



31FF46



807378



BF004B



400019

Previews

White Background



This preview shows how the Hex color AE31FF looks on a white background.

Color Contrast Check

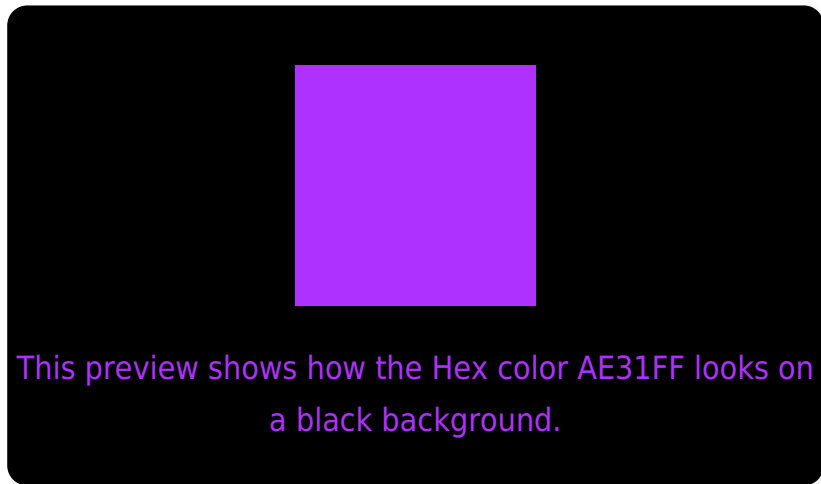
Large Text (above 18pt) WCAG AA ✓ Pass

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

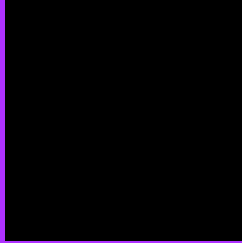
Any Text WCAG AA ✓ Pass

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 AE31FF Background



This preview shows how black text looks on a background with the Hex color AE31FF.

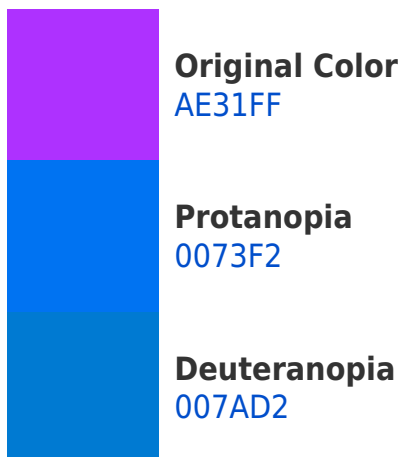


This preview shows how white text looks on a background with the Hex color AE31FF.

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](#).

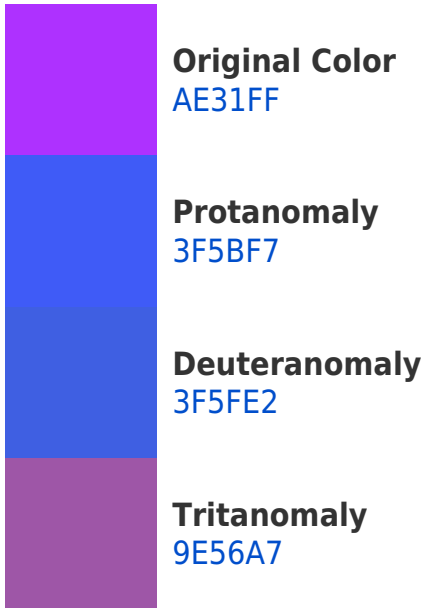
Dichromacy



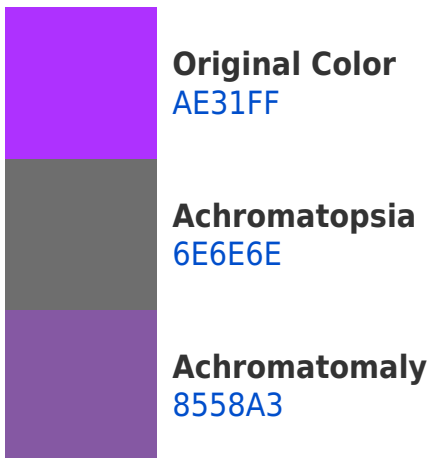


Tritanopia
956B74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AE31FF 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 #AE31FF looks like.

```
.text, #text, p{  
    color:#AE31FF  
}
```

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 #AE31FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE31FF
}
```

Border

The CSS property to change the border of an element to Hex AE31FF 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
#AE31FF }
```

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

```
.border{ border-color:#AE31FF }
```

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

Here you see how a box with a 4 pixel #AE31FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE31FF; -webkit-box-shadow:4px 4px  
4px 4px #AE31FF; box-shadow:4px 4px 4px  
4px #AE31FF }
```

Background

The CSS property to change the background color of an element to Hex AE31FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE31FF }
```

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

```
.background{ background-color:#AE31FF }
```

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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