

Converting Colors

Hex(AE3FE6)

Have a look what the booklet for
Hex(AE3FE6) contains.

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Color

Hex(AE3FE6)

Conversions

Conversions Part 1

Format	Color
Hex	AE3FE6
RGB	174, 63, 230
RGB Percent	68%, 25%, 90%
CMY	0.3176, 0.7529, 0.0980
CMYK	0.24, 0.73, 0.00, 0.10
HSL	280°, 77%, 57%
HSV	280°, 73%, 90%
XYZ	33.5160, 18.2669, 76.6223
YIQ	115.2270, 12.5490, 75.4690

Conversions

Conversions Part 2

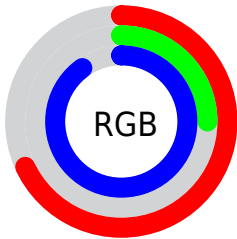
Format	Color
RYB	174, 63, 230
Decimal	11419622
CIELab	49.82, 69.54, -64.41
CIElCh	50, 94.793, 317.193
Yxy	18.2669, 0.2610, 0.1423
Android (android.graphics.Color)	4289609702 (0xFFAE3FE6)
YUV	115.2270, 56.5831, 51.5439
Hunter-Lab	42.7397, 65.1830, -76.3752

Details

The Hex color **AE3FE6** is a light color, and the websafe version is hex **9933CC**. The color can be described as light washed purple. A complement of this color would be **77E63F**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **E978FF**, and **7400AD** is the 20% darker color. If you saturate the color by 10%, you get **A628E6**, and if you desaturate by 10%, it is **B656E6**.

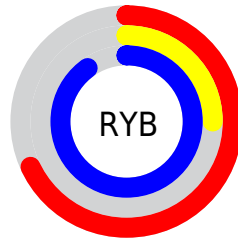
Distribution



Red (68%)

Green (25%)

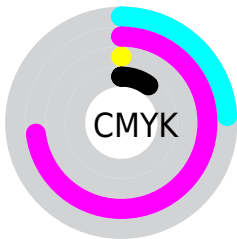
Blue (90%)



Red (68%)

Yellow (25%)

Blue (90%)

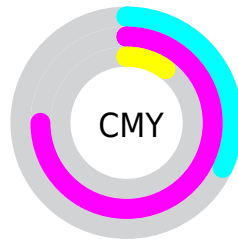


Cyan (24%)

Magenta (73%)

Yellow (0%)

Black (10%)



Cyan (32%)

Magenta (75%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Hex color AE3FE6 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 AE3FE6 by changing the saturation by 10% instead.

 AE3FE6

 AE3FE6

FFFFFF

 911EC9

 E978FF

 7400AD

 FF94FF

 570092

 FFB1FF

 390078

 FFCEFF

 1D005E

 FFE8FF

 000045

 00032E

 000118

 000000

 AE3FE6

 AE3FE6

 A628E6

 B656E6

 9F11E6

 BD6DE6

 9900E6

 C584E6

 CD9BE6

 D5B2E6

 DCC9E6

 E4E0E6

 ECF7E6

 F3FFE6

Harmonies

Analogous

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



0072FF



AE3FE6



EF009D

Triad

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



AE3FE6



AD6600



0096A4

Complementary

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



AE3FE6



77E63F

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.



009450



AE3FE6



658100

Square

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



AE3FE6



E13200



008E00



0095ED

Rectangle

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



AE3FE6



FC0067



008E00



009689

Sweetspot

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



AE3FE6



ECC7FF



3F79E6



745E80



000000



808080

Same Dimension

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



AE3FE6



B521FF



E63FCD



6F6773



7700B3



220033

Inverse Universe

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



E63F77



FF216C



3FE658



73676B



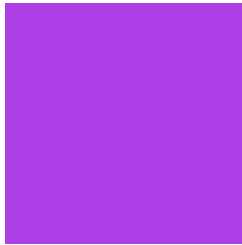
B3003C



330011

Previews

White Background



This preview shows how the Hex color AE3FE6 looks on a white background.

Color Contrast Check

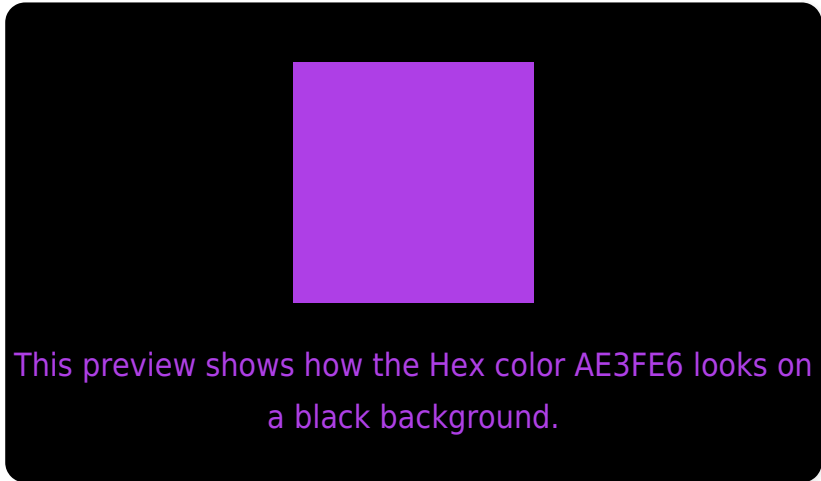
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 AE3FE6 Background



This preview shows how black text looks on a background with the Hex color AE3FE6.



This preview shows how white text looks on a background with the Hex color AE3FE6.

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



Original Color
AE3FE6

Protanopia
0073F2

Deuteranopia
0079D5



Tritanopia
9B6870

Trichromacy



Original Color
AE3FE6



Protanomaly
3F60EE



Deuteranomaly
3F64DB



Tritanomaly
A2599B

Monochromacy



Original Color
AE3FE6



Achromatopsia
737373



Achromatomaly
88609D

CSS Examples

Text

The CSS property to change the color of the text to Hex AE3FE6 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 #AE3FE6 looks like.

```
.text, #text, p{  
    color:#AE3FE6  
}
```

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 #AE3FE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE3FE6
}
```

Border

The CSS property to change the border of an element to Hex AE3FE6 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
#AE3FE6 }
```

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

```
.border{ border-color:#AE3FE6 }
```

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

Here you see how a box with a 4 pixel #AE3FE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE3FE6; -webkit-box-shadow:4px 4px  
4px 4px #AE3FE6; box-shadow:4px 4px 4px  
4px #AE3FE6 }
```

Background

The CSS property to change the background color of an element to Hex AE3FE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE3FE6 }
```

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

```
.background{ background-color:#AE3FE6 }
```

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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