

Converting Colors

Hex(A6AFFF)

Have a look what the booklet for
Hex(A6AFFF) contains.

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Color

Hex(A6AFFF)

Conversions

Conversions Part 1

Format	Color
Hex	A6AFFF
RGB	166, 175, 255
RGB Percent	65%, 69%, 100%
CMY	0.3490, 0.3137, 0.0000
CMYK	0.35, 0.31, 0.00, 0.00
HSL	234°, 100%, 83%
HSV	234°, 35%, 100%
XYZ	49.1059, 45.9869, 100.8959
YIQ	181.4290, -31.0440, 22.9720

Conversions

Conversions Part 2

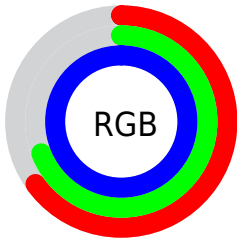
Format	Color
RYB	166, 174, 255
Decimal	10924031
CIELab	73.54, 15.27, -40.61
CIELCh	74, 43.387, 290.608
Yxy	45.9869, 0.2506, 0.2346
Android (android.graphics.Color)	4289114111 (0xFFA6AFFF)
YUV	181.4290, 36.2705, -13.5312
Hunter-Lab	67.8137, 10.5831, -40.7445

Details

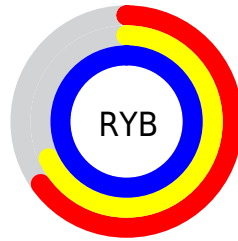
The Hex color **A6AFFF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFF6A6**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **DfE6FF**, and **6F7BC6** is the 20% darker color. If you saturate the color by 10%, you get **8D98FF**, and if you desaturate by 10%, it is **C0C6FF**.

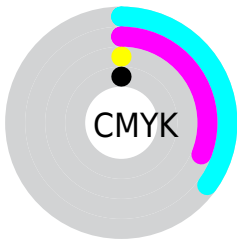
Distribution



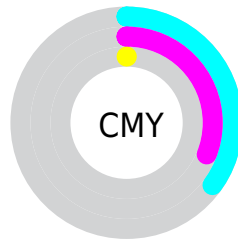
- Red (65%)
- Green (69%)
- Blue (100%)



- Red (65%)
- Yellow (68%)
- Blue (100%)



- Cyan (35%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6AFFF 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 A6AFFF by changing the saturation by 10% instead.

 A6AFFF

 A6AFFF

FFFFFF

 8A94E2

 DFE6FF

 6F7BC6

FDFFFF

 5462AA

 384A90

 193476

 001F5C

 000844

 00032D

 000118

 A6AFFF

 A6AFFF

 8D98FF

 C0C6FF

 7381FF

 D9DDFF

 5A6AFF

 F3F4FF

 4053FF

FFFFFF

 263CFF

 0D25FF

 001AFF

Harmonies

Analogous

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



5EBCFF



A6AFFF



DAA0E8

Triad

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



A6AFFF



F5A079



4CC9A6

Complementary

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



A6AFFF



FFF6A6

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.



85C481



A6AFFF



D9AE66

Square

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



A6AFFF



FF969B



B3BB68



00C9CF

Rectangle

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



A6AFFF



F199D0



B3BB68



61C899

Sweetspot

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



A6AFFF



E6E8FF



A6FFF5



707280



000000



808080

Same Dimension

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



A6AFFF



949FFF



C8A6FF



737480



0013BF



000640

Inverse Universe

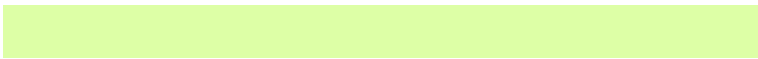
The Inverse Universe completely reimagines the original color for something new.



FFA6AF



FF949F



DDFFA6



807374



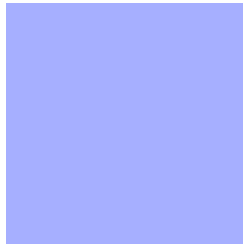
BF0013



400006

Previews

White Background



This preview shows how the Hex color A6AFFF looks on a white background.

Color Contrast Check

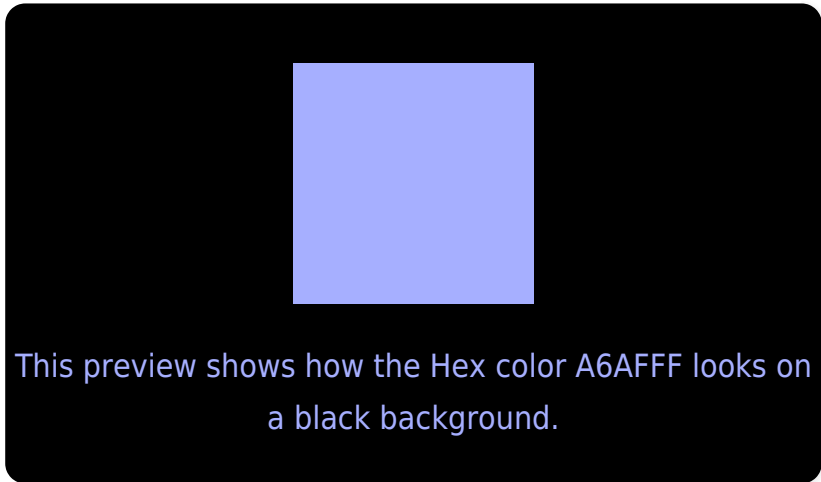
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex A6AFFF Background



This preview shows how black text looks on a background with the Hex color A6AFFF.



This preview shows how white text looks on a background with the Hex color A6AFFF.

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

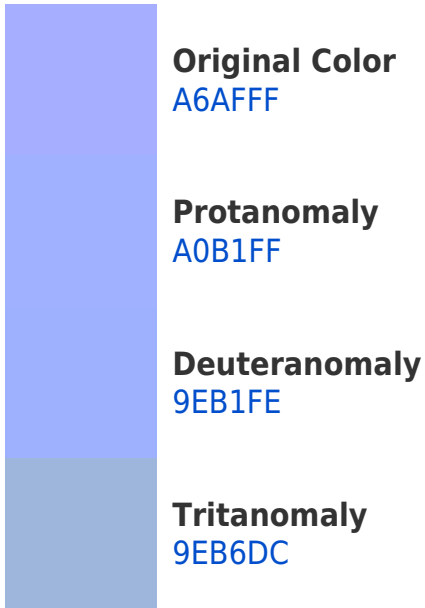


Original Color
A6AFFF

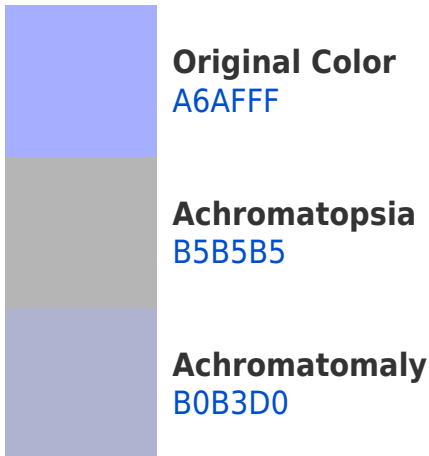
Protanopia
9CB2FF

Deuteranopia
9AB2FE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6AFFF 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 #A6AFFF looks like.

```
.text, #text, p{  
    color:#A6AFFF  
}
```

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 #A6AFF F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6AFF F  
}
```

Border

The CSS property to change the border of an element to Hex A6AFF F 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  
#A6AFF F }
```

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

```
.border{ border-color:#A6AFFF }
```

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

Here you see how a box with a 4 pixel #A6AFFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6AFFF; -webkit-box-shadow:4px 4px  
4px 4px #A6AFFF; box-shadow:4px 4px 4px  
4px #A6AFFF }
```

Background

The CSS property to change the background color of an element to Hex A6AFFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6AFFF }
```

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

```
.background{ background-color:#A6AFFF }
```

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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