

Converting Colors

Hex(AA5CFF)

Have a look what the booklet for
Hex(AA5CFF) contains.

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Color

Hex(AA5CFF)

Conversions

Conversions Part 1

Format	Color
Hex	AA5CFF
RGB	170, 92, 255
RGB Percent	67%, 36%, 100%
CMY	0.3333, 0.6392, 0.0000
CMYK	0.33, 0.64, 0.00, 0.00
HSL	269°, 100%, 68%
HSV	269°, 64%, 100%
XYZ	38.4547, 23.4203, 97.1015
YIQ	133.9040, -5.8350, 67.2290

Conversions

Conversions Part 2

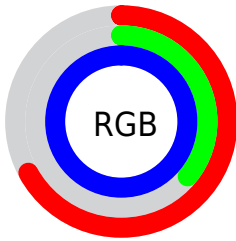
Format	Color
RYB	170, 92, 255
Decimal	11164927
CIELab	55.50, 61.60, -69.23
CIELCh	56, 92.670, 311.665
Yxy	23.4203, 0.2419, 0.1473
Android (android.graphics.Color)	4289355007 (0xFFAA5CFF)
YUV	133.9040, 59.7003, 31.6562
Hunter-Lab	48.3946, 57.1470, -85.0865

Details

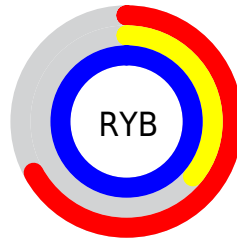
The Hex color **AA5CFF** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **B1FF5C**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **E692FF**, and **6F25C5** is the 20% darker color. If you saturate the color by 10%, you get **9D43FF**, and if you desaturate by 10%, it is **B776FF**.

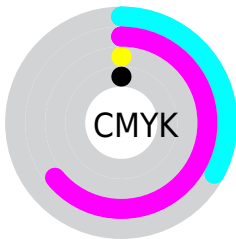
Distribution



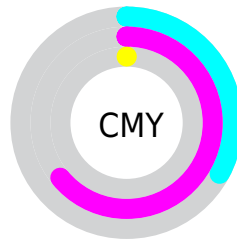
- Red (67%)
- Green (36%)
- Blue (100%)



- Red (67%)
- Yellow (36%)
- Blue (100%)



- Cyan (33%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (64%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA5CFF 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 AA5CFF by changing the saturation by 10% instead.

 AA5CFF

 AA5CFF

FFFFFF

 8D41E2

 E692FF

 6F25C5

 FFAEFF

 5100A9

 FFCAFF

 31008E

 FFE7FF

 000074

 00005A

 000741

 00032A

 000114

■ AA5CFF

■ AA5CFF

■ 9D43FF

■ B776FF

■ 8F29FF

■ C58FFF

■ 8210FF

■ D2A9FF

■ 7A00FF

■ DFC2FF

■ ECDCFF

■ FAF5FF

FFFFFF

Harmonies

Analogous

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



0086FF



AA5CFF



F704BA

Triad

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



AA5CFF



C96E00



00A6A3

Complementary

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



AA5CFF



B1FF5C

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.



00A34E



AA5CFF



858C00

Square

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



AA5CFF



F93C17



009B00



00A5EF

Rectangle

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



AA5CFF



FF0084



009B00



00A587

Sweetspot

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



AA5CFF



E6CFFF



5CB3FF



706280



000000



808080

Same Dimension

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



AA5CFF



993BFF



FA5CFF



797380



5C00BF



1F0040

Inverse Universe

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



FF5CB1



FF3BA1



61FF5C



807379



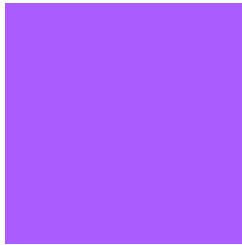
BF0064



400021

Previews

White Background



This preview shows how the Hex color AA5CFF looks on a white background.

Color Contrast Check

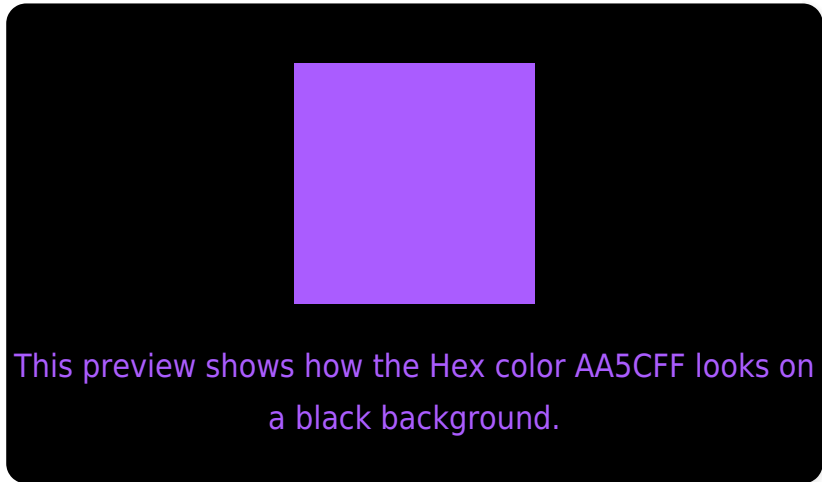
Large Text (above 18pt) WCAG AA ✓ Pass

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

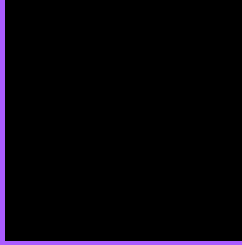
Any Text WCAG AA ✓ Pass

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 AA5CFF Background



This preview shows how black text looks on a background with the Hex color AA5CFF.

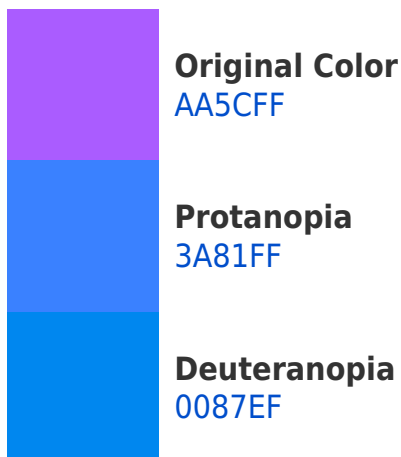


This preview shows how white text looks on a background with the Hex color AA5CFF.

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](#).

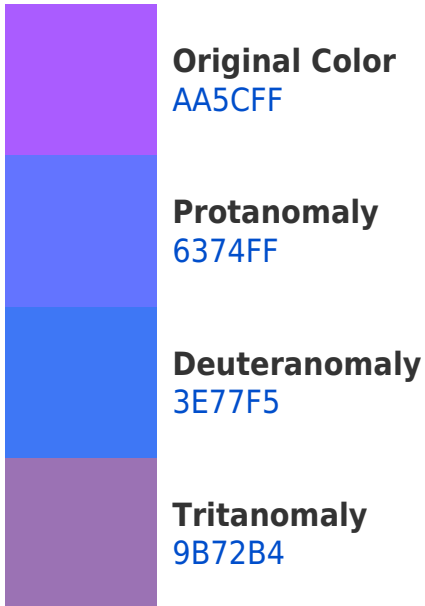
Dichromacy





Tritanopia
937F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA5CFF 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 #AA5CFF looks like.

```
.text, #text, p{  
    color:#AA5CFF  
}
```

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 #AA5CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA5CFF
}
```

Border

The CSS property to change the border of an element to Hex AA5CFF 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
#AA5CFF }
```

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

```
.border{ border-color:#AA5CFF }
```

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

Here you see how a box with a 4 pixel #AA5CFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA5CFF; -webkit-box-shadow:4px 4px  
4px 4px #AA5CFF; box-shadow:4px 4px 4px  
4px #AA5CFF }
```

Background

The CSS property to change the background color of an element to Hex AA5CFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA5CFF }
```

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

```
.background{ background-color:#AA5CFF }
```

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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