

Converting Colors

Hex(AF5CEE)

Have a look what the booklet for
Hex(AF5CEE) contains.

Hex(AF5CEE)	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(AF5CEE)

Conversions

Conversions Part 1

Format	Color
Hex	AF5CEE
RGB	175, 92, 238
RGB Percent	69%, 36%, 93%
CMY	0.3137, 0.6392, 0.0667
CMYK	0.26, 0.61, 0.00, 0.07
HSL	274°, 81%, 65%
HSV	274°, 61%, 93%
XYZ	36.9390, 22.9413, 83.3701
YIQ	133.4610, 2.6020, 63.0020

Conversions

Conversions Part 2

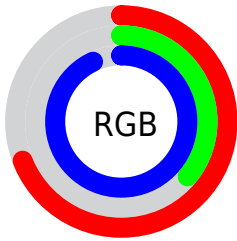
Format	Color
R_{YB}	175, 92, 238
Decimal	11492590
CIE _{Lab}	55.01, 58.80, -60.54
CIE _{LCh}	55, 84.390, 314.165
Yxy	22.9413, 0.2579, 0.1601
Android (android.graphics.Color)	4289682670 (0xFFAF5CEE)
YUV	133.4610, 51.5377, 36.4297
Hunter-Lab	47.8971, 53.8421, -69.6728

Details

The Hex color **AF5CEE** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **9BEE5C**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **EA92FF**, and **7625B5** is the 20% darker color. If you saturate the color by 10%, you get **A544EE**, and if you desaturate by 10%, it is **B974EE**.

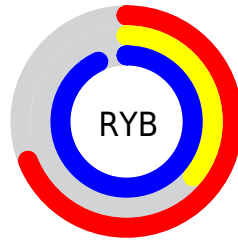
Distribution



Red (69%)

Green (36%)

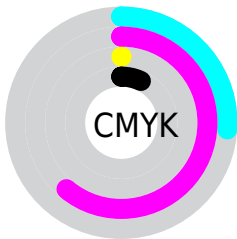
Blue (93%)



Red (69%)

Yellow (36%)

Blue (93%)

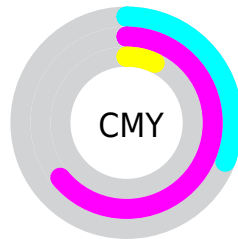


Cyan (26%)

Magenta (61%)

Yellow (0%)

Black (7%)



Cyan (31%)

Magenta (64%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF5CEE 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 AF5CEE by changing the saturation by 10% instead.

 AF5CEE

 AF5CEE

FFFFFF

 9241D1

 EA92FF

 7625B5

 FFAEFF

 59009A

 FFCAFF

 3C007F

 FFE7FF

 1D0065

 00004C

 000434

 00021E

 000001

AF5CEE

AF5CEE

A544EE

B974EE

9A2CEE

C48CEE

9015EE

CEA3EE

8700EE

D8BBEE

E2D3EE

EDEBEE

F7FFEE

FFFFEE

Harmonies

Analogous

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



0082FF



AF5CEE



F026AE

Triad

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



AF5CEE



BF7200



00A3A6

Complementary

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



AF5CEE



9BEE5C

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.



00A059



AF5CEE



808B00

Square

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



AF5CEE



ED4A1B



0D9900



00A1E9

Rectangle

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



AF5CEE



FF047D



0D9900



00A28C

Sweetspot

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



AF5CEE



EBD1FF



5C9BEE



736380



000000



808080

Same Dimension

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



AF5CEE



AE42FF



EE5CE4



736C78



6800B8



200038

Inverse Universe

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



EE5C9B



FF4294



5CEE66



786C71



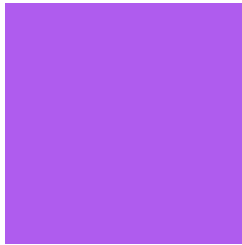
B8004F



380018

Previews

White Background



This preview shows how the Hex color AF5CEE looks on a white background.

Color Contrast Check

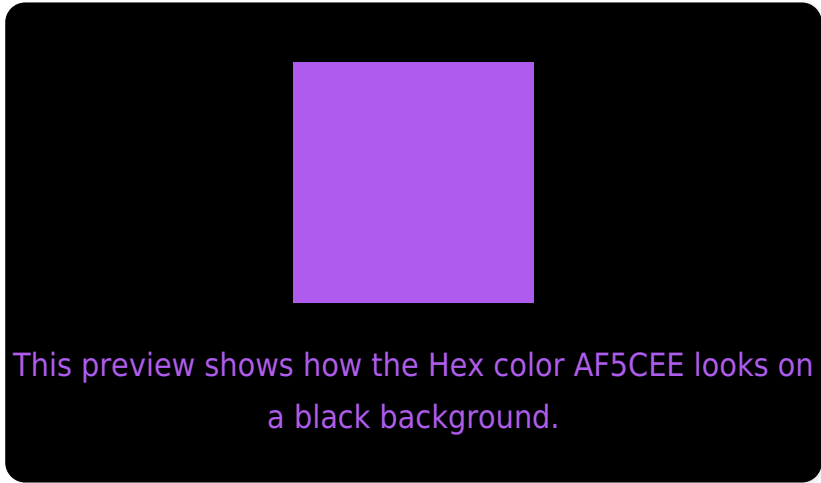
Large Text (above 18pt) WCAG AA ✓ Pass

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

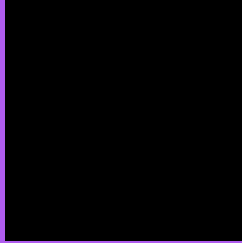
Any Text WCAG AA ✓ Pass

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 AF5CEE Background



This preview shows how black text looks on a background with the Hex color AF5CEE.

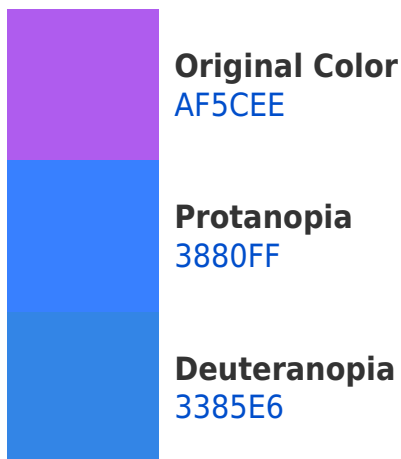



This preview shows how white text looks on a background with the Hex color AF5CEE.

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](#).

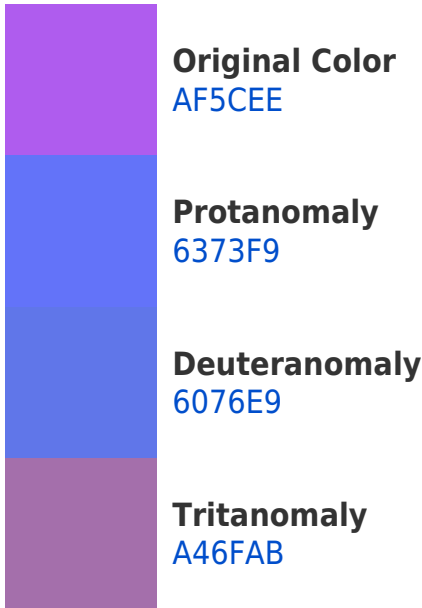
Dichromacy





Tritanopia
9D7A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF5CEE 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 #AF5CEE looks like.

```
.text, #text, p{  
    color:#AF5CEE  
}
```

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 #AF5CEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF5CEE
}
```

Border

The CSS property to change the border of an element to Hex AF5CEE 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
#AF5CEE }
```

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

```
.border{ border-color:#AF5CEE }
```

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

Here you see how a box with a 4 pixel #AF5CEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF5CEE; -webkit-box-shadow:4px 4px  
4px 4px #AF5CEE; box-shadow:4px 4px 4px  
4px #AF5CEE }
```

Background

The CSS property to change the background color of an element to Hex AF5CEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF5CEE }
```

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

```
.background{ background-color:#AF5CEE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor