

Converting Colors

Hex(AF5DE9)

Have a look what the booklet for
Hex(AF5DE9) contains.

Hex(AF5DE9)	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(AF5DE9)

Conversions

Conversions Part 1

Format	Color
Hex	AF5DE9
RGB	175, 93, 233
RGB Percent	69%, 36%, 91%
CMY	0.3137, 0.6353, 0.0863
CMYK	0.25, 0.60, 0.00, 0.09
HSL	275°, 76%, 64%
HSV	275°, 60%, 91%
XYZ	36.3015, 22.8259, 79.5833
YIQ	133.4780, 3.9320, 60.9240

Conversions

Conversions Part 2

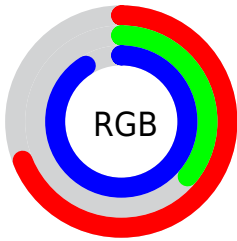
Format	Color
RYB	175, 93, 233
Decimal	11492841
CIELab	54.89, 57.20, -57.93
CIElCh	55, 81.409, 314.637
Yxy	22.8259, 0.2617, 0.1646
Android (android.graphics.Color)	4289682921 (0xFFAF5DE9)
YUV	133.4780, 49.0643, 36.4148
Hunter-Lab	47.7764, 52.0194, -65.3185

Details

The Hex color **AF5DE9** 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 **97E95D**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **EA93FF**, and **7627B0** is the 20% darker color. If you saturate the color by 10%, you get **A546E9**, and if you desaturate by 10%, it is **B974E9**.

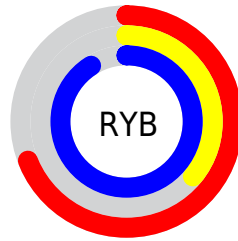
Distribution



Red (69%)

Green (36%)

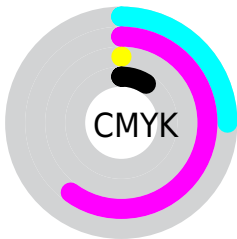
Blue (91%)



Red (69%)

Yellow (36%)

Blue (91%)

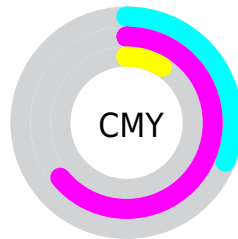


Cyan (25%)

Magenta (60%)

Yellow (0%)

Black (9%)



Cyan (31%)

Magenta (64%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF5DE9 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 AF5DE9 by changing the saturation by 10% instead.

 AF5DE9

 AF5DE9

FFFFFF

 9242CC

 EA93FF

 7627B0

 FFAFFF

 5A0195


 FFCBFF

 3E007B

 FFE8FF

 200061

 000048

 000431

 00011B

 000000

■ AF5DE9

■ AF5DE9

■ A546E9

■ B974E9

■ 9C2EE9

■ C28CE9

■ 9217E9

■ CCA3E9

■ 8800E9

■ D6BAE9

■ DFD2E9

■ E9E9E9

■ F3FFE9

■ FCFFE9

■ FFFFE9

Harmonies

Analogous

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



0081FF



AF5DE9



ED2EAB

Triad

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



AF5DE9



BD7300



00A1A5

Complementary

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



AF5DE9



97E95D

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.



009F5B



AF5DE9



7F8B00

Square

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



AF5DE9



E94E1E



179900



009FE6

Rectangle

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



AF5DE9



FC1B7C



179900



00A18D

Sweetspot

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



AF5DE9



ECD1FF



5D97E9



746380



000000



808080

Same Dimension

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



AF5DE9



B347FF



E95DDD



706A75



6A00B5



1F0036

Inverse Universe

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



E95D97



FF4793



5DE969



756A6E



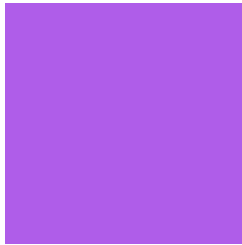
B5004B



360016

Previews

White Background



This preview shows how the Hex color AF5DE9 looks on a white background.

Color Contrast Check

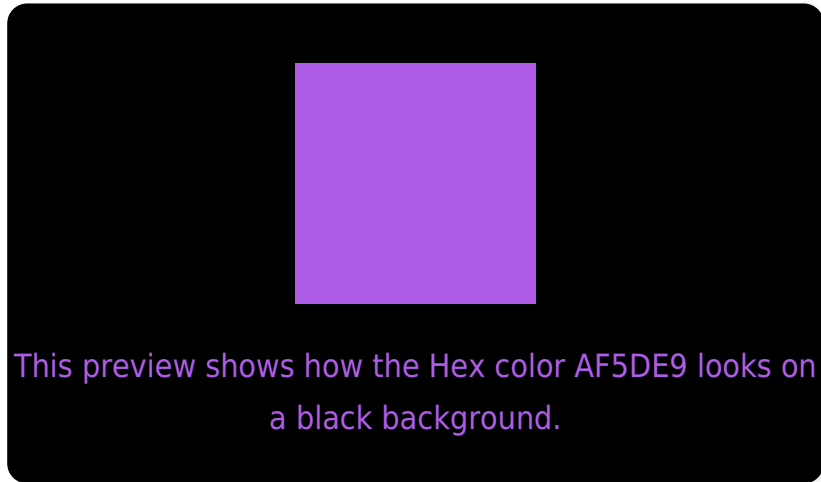
Large Text (above 18pt) WCAG AA ✓ Pass

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

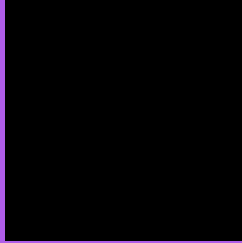
Any Text WCAG AA ✓ Pass

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 AF5DE9 Background



This preview shows how black text looks on a background with the Hex color AF5DE9.

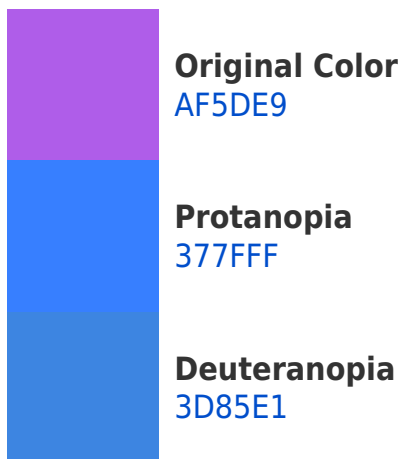



This preview shows how white text looks on a background with the Hex color AF5DE9.

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](#).

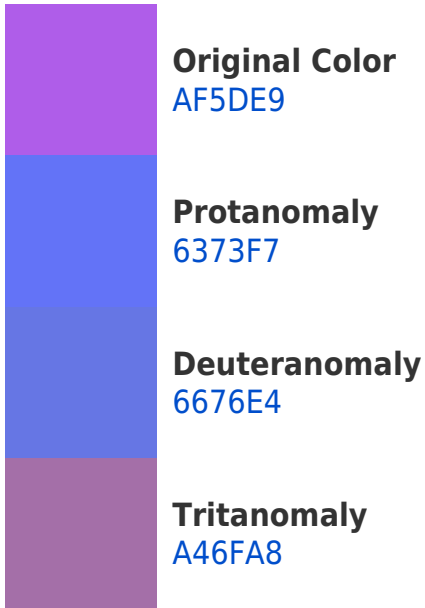
Dichromacy



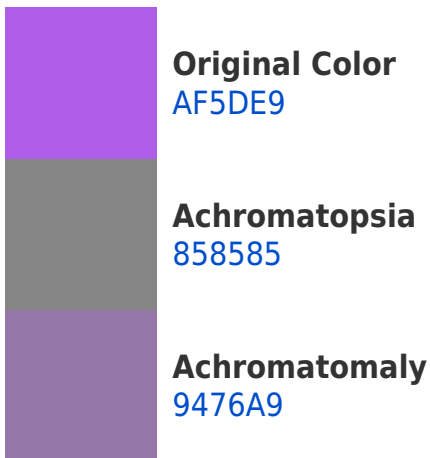


Tritanopia
9E7A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF5DE9 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 #AF5DE9 looks like.

```
.text, #text, p{  
    color:#AF5DE9  
}
```

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 #AF5DE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF5DE9
}
```

Border

The CSS property to change the border of an element to Hex AF5DE9 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
#AF5DE9 }
```

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

```
.border{ border-color:#AF5DE9 }
```

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

Here you see how a box with a 4 pixel #AF5DE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF5DE9; -webkit-box-shadow:4px 4px  
4px 4px #AF5DE9; box-shadow:4px 4px 4px  
4px #AF5DE9 }
```

Background

The CSS property to change the background color of an element to Hex AF5DE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF5DE9 }
```

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

```
.background{ background-color:#AF5DE9 }
```

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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