

Converting Colors

Hex(AF4FEA)

Have a look what the booklet for
Hex(AF4FEA) contains.

Hex(AF4FEA)	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(AF4FEA)

Conversions

Conversions Part 1

Format	Color
Hex	AF4FEA
RGB	175, 79, 234
RGB Percent	69%, 31%, 92%
CMY	0.3137, 0.6902, 0.0824
CMYK	0.25, 0.66, 0.00, 0.08
HSL	277°, 79%, 61%
HSV	277°, 66%, 92%
XYZ	35.3265, 20.6464, 79.9652
YIQ	125.3740, 7.4610, 68.5570

Conversions

Conversions Part 2

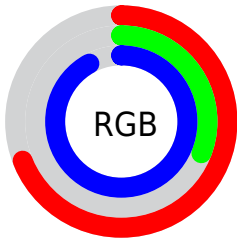
Format	Color
R_{YB}	175, 79, 234
Decimal	11489258
CIE _{Lab}	52.56, 63.97, -62.24
CIE _{LCh}	53, 89.253, 315.789
Yxy	20.6464, 0.2599, 0.1519
Android (android.graphics.Color)	4289679338 (0xFFAF4FEA)
YUV	125.3740, 53.5526, 43.5220
Hunter-Lab	45.4384, 59.2593, -72.5353

Details

The Hex color **AF4FEA** 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 **8AEA4F**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **EA86FF**, and **750FB1** is the 20% darker color. If you saturate the color by 10%, you get **A638EA**, and if you desaturate by 10%, it is **B866EA**.

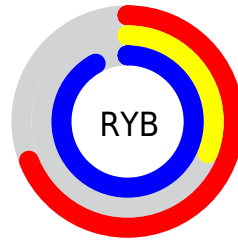
Distribution



Red (69%)

Green (31%)

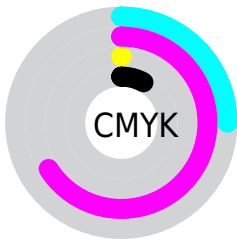
Blue (92%)



Red (69%)

Yellow (31%)

Blue (92%)

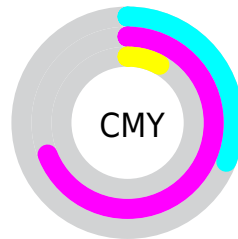


Cyan (25%)

Magenta (66%)

Yellow (0%)

Black (8%)



Cyan (31%)

Magenta (69%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF4FEA 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 AF4FEA by changing the saturation by 10% instead.

 AF4FEA

 AF4FEA

FFFFFF

 9233CD

 EA86FF

 750FB1

 FFA2FF

 590096

 FFBEFF

 3B007B

 FFDBFF

 1D0062

 FFF8FF

 000049

 000431

 00011B

 000000

 AF4FEA

 AF4FEA

 A638EA


 B866EA

 9D20EA

 C17EEA

 9409EA

 CA95EA

 9100EA

 D3ADEA

 DCC4EA

 E4DBEA

 EDF3EA

 F6FFEA

 FFFFEA

Harmonies

Analogous

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



007AFF



AF4FEA



F000A5

Triad

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



AF4FEA



B66D00



009DA5

Complementary

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



AF4FEA



8AEA4F

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.



009A55



AF4FEA



738700

Square

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



AF4FEA



E74001



009400



009BEB

Rectangle

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



AF4FEA



FE0072



009400



009C8B

Sweetspot

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



AF4FEA



ECCCFF



4F8AEA



746180



000000



808080

Same Dimension

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



AF4FEA



B236FF



EA4FD8



716A75



7000B5



210036

Inverse Universe

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



EA4F8A



FF3682



4FEA61



756A6E



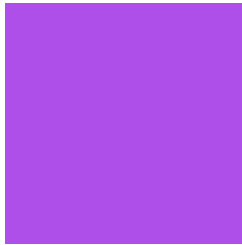
B50045



360014

Previews

White Background



This preview shows how the Hex color AF4FEA looks on a white background.

Color Contrast Check

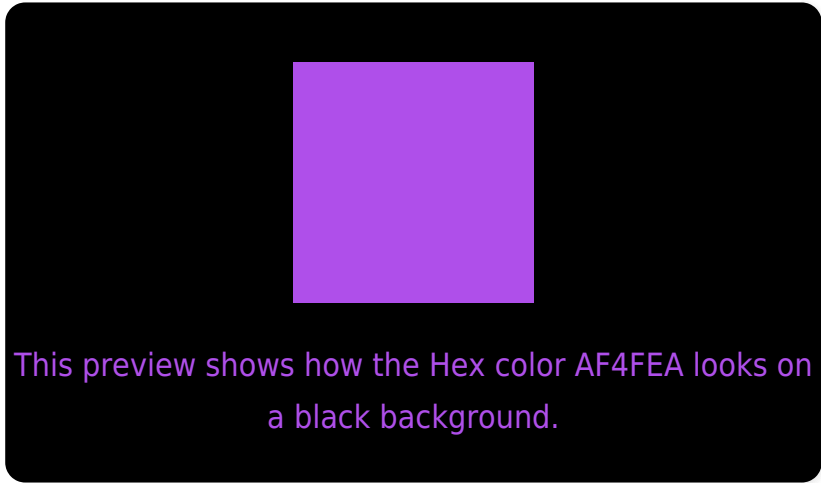
Large Text (above 18pt) WCAG AA ✓ Pass

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

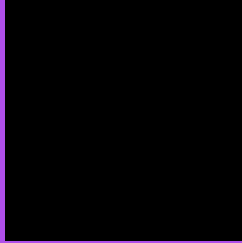
Any Text WCAG AA ✓ Pass

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 AF4FEA Background



This preview shows how black text looks on a background with the Hex color AF4FEA.



This preview shows how white text looks on a background with the Hex color AF4FEA.

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](#).

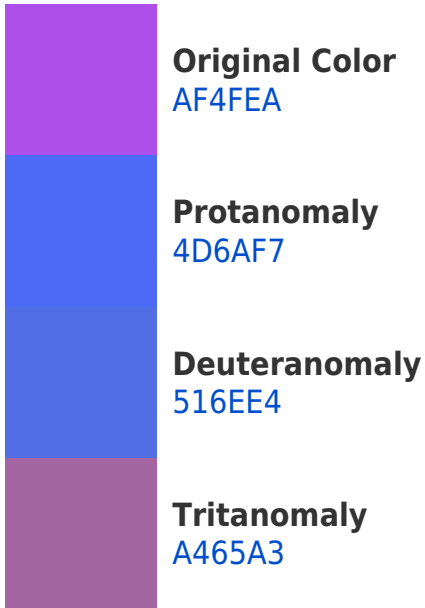
Dichromacy



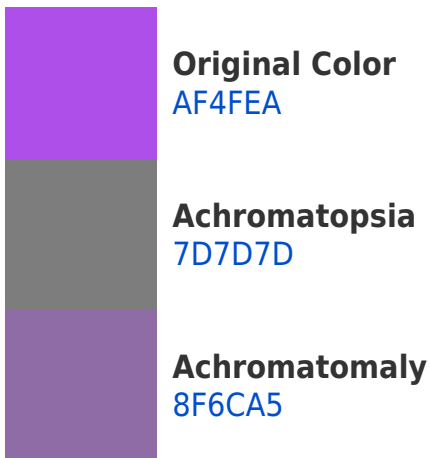


Tritanopia
9D727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF4FEA 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 #AF4FEA looks like.

```
.text, #text, p{  
    color:#AF4FEA  
}
```

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 #AF4FEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF4FEA
}
```

Border

The CSS property to change the border of an element to Hex AF4FEA 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
#AF4FEA }
```

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

```
.border{ border-color:#AF4FEA }
```

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

Here you see how a box with a 4 pixel #AF4FEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF4FEA; -webkit-box-shadow:4px 4px  
4px 4px #AF4FEA; box-shadow:4px 4px 4px  
4px #AF4FEA }
```

Background

The CSS property to change the background color of an element to Hex AF4FEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF4FEA }
```

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

```
.background{ background-color:#AF4FEA }
```

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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