

Converting Colors

Hex(AF4DE2)

Have a look what the booklet for
Hex(AF4DE2) contains.

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Color

Hex(AF4DE2)

Conversions

Conversions Part 1

Format	Color
Hex	AF4DE2
RGB	175, 77, 226
RGB Percent	69%, 30%, 89%
CMY	0.3137, 0.6980, 0.1137
CMYK	0.23, 0.66, 0.00, 0.11
HSL	279°, 72%, 59%
HSV	279°, 66%, 89%
XYZ	34.0605, 19.9127, 73.9999
YIQ	123.2880, 10.5790, 67.1150

Conversions

Conversions Part 2

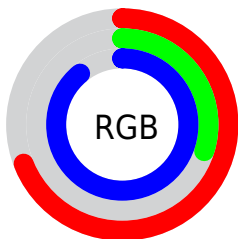
Format	Color
RYB	175, 77, 226
Decimal	11488738
CIELab	51.74, 63.17, -59.05
CIELCh	52, 86.473, 316.931
Yxy	19.9127, 0.2662, 0.1556
Android (android.graphics.Color)	4289678818 (0xFFAF4DE2)
YUV	123.2880, 50.6370, 45.3514
Hunter-Lab	44.6236, 58.1549, -67.0847

Details

The Hex color **AF4DE2** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **80E24D**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **EA84FF**, and **760BAA** is the 20% darker color. If you saturate the color by 10%, you get **A736E2**, and if you desaturate by 10%, it is **B764E2**.

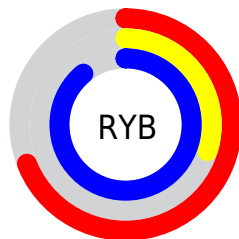
Distribution



Red (69%)

Green (30%)

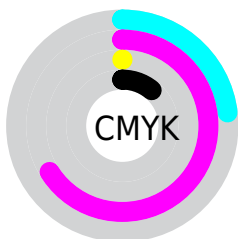
Blue (89%)



Red (69%)

Yellow (30%)

Blue (89%)

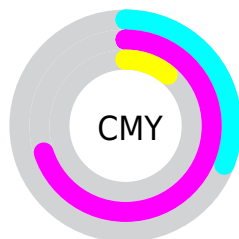


Cyan (23%)

Magenta (66%)

Yellow (0%)

Black (11%)



Cyan (31%)

Magenta (70%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF4DE2 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 AF4DE2 by changing the saturation by 10% instead.

 AF4DE2

 AF4DE2

FFFFFF

 9230C6

 EA84FF

 760BAA

 FFA0FF

 5A008F

 FFBCFF

 3D0074

 FFD9FF

 21005B

 FFF6FF

 000042

 00032B

 000115

 000000

 AF4DE2

 AF4DE2

 A736E2

 B764E2

 A020E2

 BE7AE2

 9809E2

 C691E2

 9500E2

 CEA7E2

 D6BEE2

 DDD5E2

 E5EBE2

 EDFFE2

 F5FFE2

Harmonies

Analogous

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



0077FF



AF4DE2



EB009F

Triad

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



AF4DE2



B16C00



009AA5

Complementary

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



AF4DE2



80E24D

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.



009857



AF4DE2



6F8500

Square

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



AF4DE2



E14300



009200



0098E8

Rectangle

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



AF4DE2



F8006E



009200



00998B

Sweetspot

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



AF4DE2



EECCFF



4D81E2



756180



000000



808080

Same Dimension

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



AF4DE2



BA36FF



E24DCC



6C6570



7400B0



200030

Inverse Universe

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



E24D80



FF367B



4DE263



706569



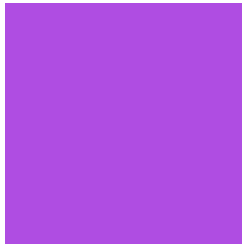
B0003C



300011

Previews

White Background



This preview shows how the Hex color AF4DE2 looks on a white background.

Color Contrast Check

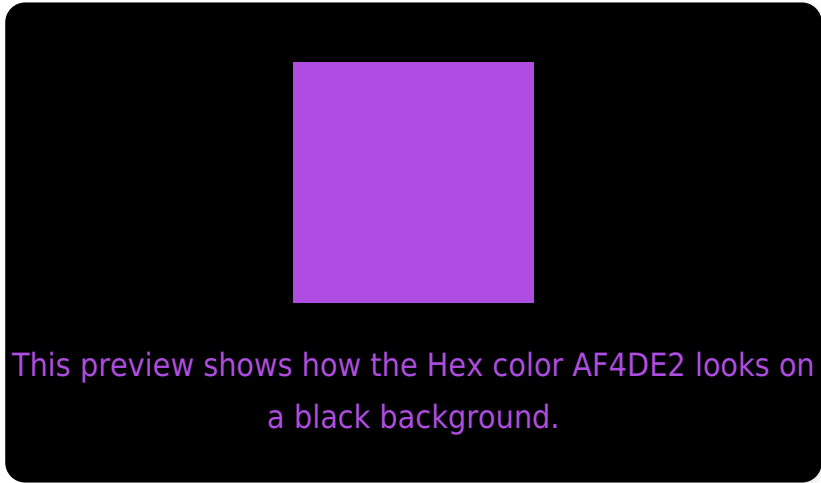
Large Text (above 18pt) WCAG AA ✓ Pass

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

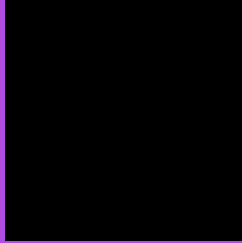
Any Text WCAG AA ✓ Pass

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 AF4DE2 Background



This preview shows how black text looks on a background with the Hex color AF4DE2.

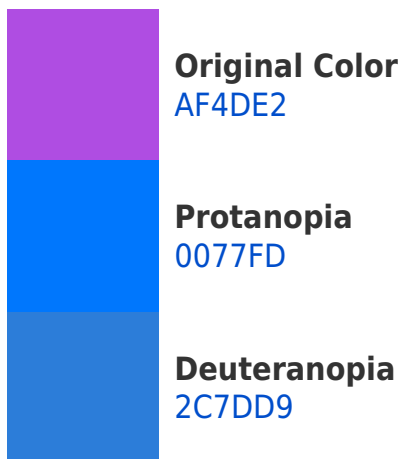


This preview shows how white text looks on a background with the Hex color AF4DE2.

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](#).

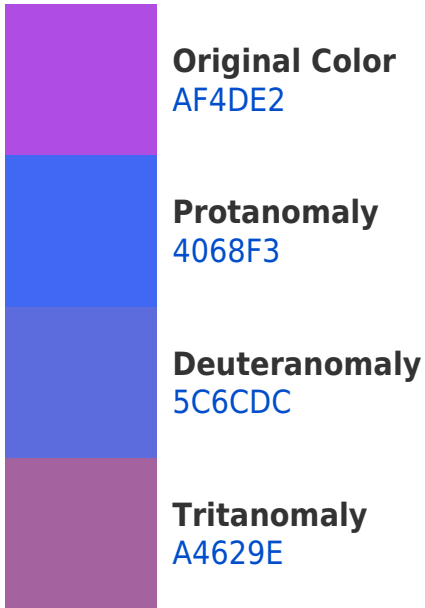
Dichromacy



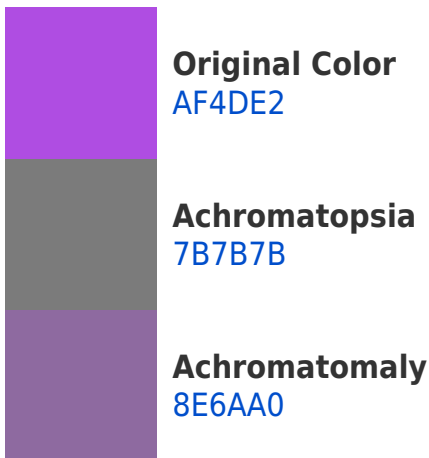


Tritanopia
9E6E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF4DE2 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 #AF4DE2 looks like.

```
.text, #text, p{  
    color:#AF4DE2  
}
```

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 #AF4DE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF4DE2
}
```

Border

The CSS property to change the border of an element to Hex AF4DE2 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
#AF4DE2 }
```

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

```
.border{ border-color:#AF4DE2 }
```

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

Here you see how a box with a 4 pixel #AF4DE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF4DE2; -webkit-box-shadow:4px 4px  
4px 4px #AF4DE2; box-shadow:4px 4px 4px  
4px #AF4DE2 }
```

Background

The CSS property to change the background color of an element to Hex AF4DE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF4DE2 }
```

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

```
.background{ background-color:#AF4DE2 }
```

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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