

Converting Colors

Hex(AF00D8)

Have a look what the booklet for
Hex(AF00D8) contains.

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Color

Hex(AF00D8)

Conversions

Conversions Part 1

Format	Color
Hex	AF00D8
RGB	175, 0, 216
RGB Percent	69%, 0%, 85%
CMY	0.3137, 1.0000, 0.1529
CMYK	0.19, 1.00, 0.00, 0.15
HSL	289°, 100%, 42%
HSV	289°, 100%, 85%
XYZ	30.0739, 14.0718, 66.0968
YIQ	76.9490, 34.9640, 104.2760

Conversions

Conversions Part 2

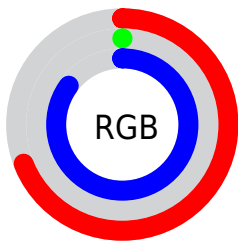
Format	Color
RYB	175, 0, 216
Decimal	11469016
CIELab	44.34, 80.64, -65.32
CIELCh	44, 103.777, 320.994
Yxy	14.0718, 0.2728, 0.1276
Android (android.graphics.Color)	4289659096 (0xFFAF00D8)
YUV	76.9490, 68.5521, 85.9907
Hunter-Lab	37.5124, 77.4574, -78.2101

Details

The Hex color **AF00D8** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **29D800**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **EB58FF**, and **7400A0** is the 20% darker color. If you saturate the color by 10%, you get **AF00D8**, and if you desaturate by 10%, it is **B316D8**.

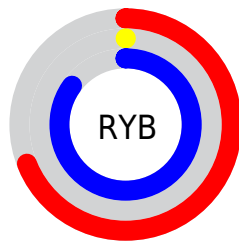
Distribution



Red (69%)

Green (0%)

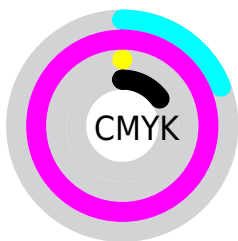
Blue (85%)



Red (69%)

Yellow (0%)

Blue (85%)

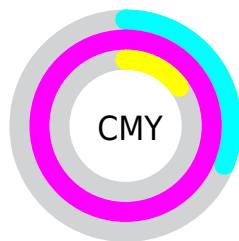


Cyan (19%)

Magenta (100%)

Yellow (0%)

Black (15%)



Cyan (31%)

Magenta (100%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Hex color AF00D8 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 AF00D8 by changing the saturation by 10% instead.

 AF00D8

 AF00D8

FFFFFF

 9100BC

 EB58FF

 7400A0

 FF76FF

 570085

 FF94FF

 39006B

 FFB1FF

 180052

 FFCFFF

 000039

 FFEEDF

 000223

 000009

 000000

 AF00D8

 B316D8

 B72BD8

 BB41D8

 BF56D8

 C36CD8

 C882D8

 CC97D8

 D0ADD8

 D4C2D8

Harmonies

Analogous

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



0060FF



AF00D8



EC0087

Triad

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



AF00D8



965D00



0088A5

Complementary

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



AF00D8



29D800

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.



00864B



AF00D8



437600

Square

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



AF00D8



D01A00



008200



0088F1

Rectangle

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



AF00D8



F5004F



008200



008888

Sweetspot

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



AF00D8



F0B3FF



002BD8



775280



000000



808080

Same Dimension

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



AF00D8



CF00FF



D80097



69606B



8A00AB



23002B

Inverse Universe

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



D80029



FF0030



00D841



6B6062



AB0020



2B0008

Previews

White Background



This preview shows how the Hex color AF00D8 looks on a white background.

Color Contrast Check

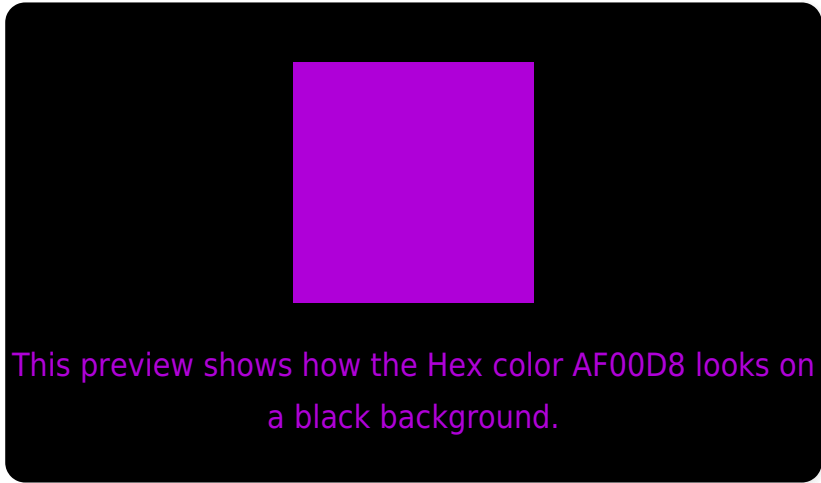
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

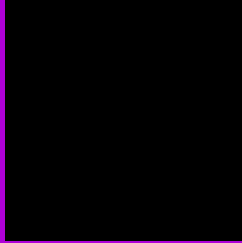
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex AF00D8 Background



This preview shows how black text looks on a background with the Hex color AF00D8.



This preview shows how white text looks on a background with the Hex color AF00D8.

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



Original Color
AF00D8

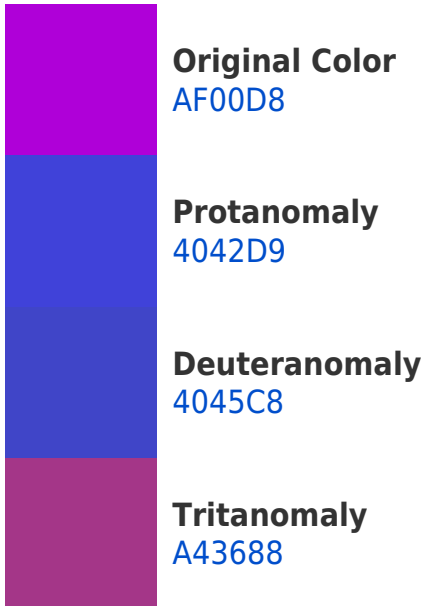
Protanopia
0067D9

Deuteranopia
006DBF

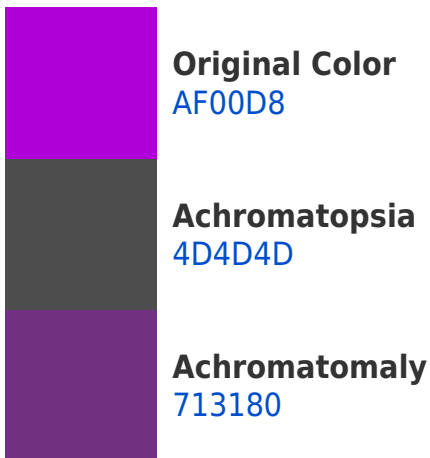


Tritanopia
9D555B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF00D8 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 #AF00D8 looks like.

```
.text, #text, p{  
    color:#AF00D8  
}
```

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 #AF00D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF00D8
}
```

Border

The CSS property to change the border of an element to Hex AF00D8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

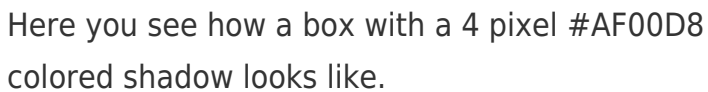
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF00D8 }
```

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

```
.border{ border-color:#AF00D8 }
```

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



Here you see how a box with a 4 pixel `#AF00D8` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF00D8; -webkit-box-shadow:4px 4px  
4px 4px #AF00D8; box-shadow:4px 4px 4px  
4px #AF00D8 }
```

Background

The CSS property to change the background color of an element to Hex AF00D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF00D8 }
```

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

```
.background{ background-color:#AF00D8 }
```

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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