

Converting Colors

Hex(AF76DA)

Have a look what the booklet for
Hex(AF76DA) contains.

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Color

Hex(AF76DA)

Conversions

Conversions Part 1

Format	Color
Hex	AF76DA
RGB	175, 118, 218
RGB Percent	69%, 46%, 85%
CMY	0.3137, 0.5373, 0.1451
CMYK	0.20, 0.46, 0.00, 0.15
HSL	274°, 57%, 66%
HSV	274°, 46%, 85%
XYZ	36.8125, 27.1328, 69.6266
YIQ	146.4430, 1.8720, 43.1840

Conversions

Conversions Part 2

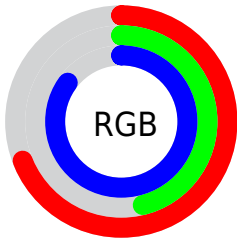
Format	Color
RYB	175, 118, 218
Decimal	11499226
CIELab	59.10, 40.77, -42.83
CIELCh	59, 59.132, 313.590
Yxy	27.1328, 0.2756, 0.2031
Android (android.graphics.Color)	4289689306 (0xFFAF76DA)
YUV	146.4430, 35.2776, 25.0445
Hunter-Lab	52.0891, 34.9938, -42.7894

Details

The Hex color **AF76DA** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A1DA76**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **E8ABFF**, and **7844A3** is the 20% darker color. If you saturate the color by 10%, you get **A660DA**, and if you desaturate by 10%, it is **B88CDA**.

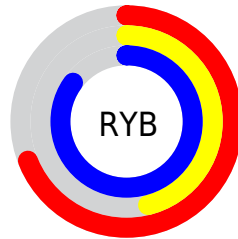
Distribution



Red (69%)

Green (46%)

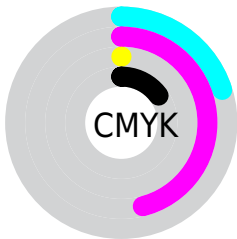
Blue (85%)



Red (69%)

Yellow (46%)

Blue (85%)

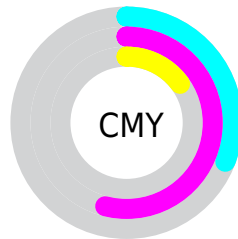


Cyan (20%)

Magenta (46%)

Yellow (0%)

Black (15%)



Cyan (31%)

Magenta (54%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF76DA 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 AF76DA by changing the saturation by 10% instead.

 AF76DA

 AF76DA

FFFFFF

 935CBE

 E8ABFF

 7844A3

 FFC7FF

 5E2B88

 FFE3FF

 44126E

 290055

 14003E

 000326

 000110

 000000

 AF76DA

 AF76DA

 A660DA

 B88CDA

 9C4ADA

 C2A2DA

 9335DA

 CBB7DA

 8A1FDA

 D4CDDA

 8009DA

 DEE3DA

 7C00DA

 E7F9DA

 F1FFDA

 FAFFDA

 FFFFDA

Harmonies

Analogous

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



538CF4



AF76DA



DE62AD

Triad

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



AF76DA



C08123



00A7A5

Complementary

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



AF76DA



A1DA76

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.



00A56F



AF76DA



93931B

Square

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



AF76DA



E06C49



589F3E



00A4D5

Rectangle

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



AF76DA



EB5C8A



589F3E



00A793

Sweetspot

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



AF76DA



F0DBFF



76A1DA



766A80



000000



808080

Same Dimension

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



AF76DA



C373FF



DA76D3



69636E



6300AD



1A002E

Inverse Universe

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



DA76A1



FF73AF



76DA7D



6E6367



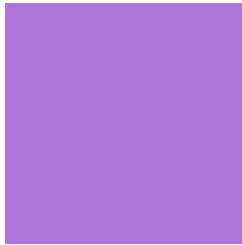
AD004B



2E0014

Previews

White Background



This preview shows how the Hex color AF76DA looks on a white background.

Color Contrast Check

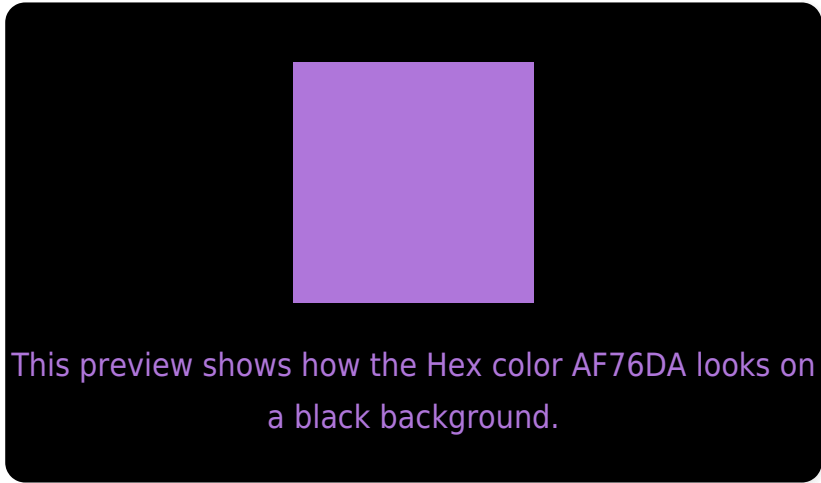
Large Text (above 18pt) WCAG AA ✓ Pass

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

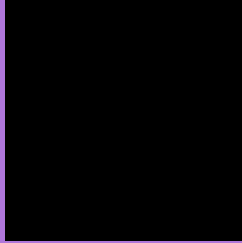
Any Text WCAG AA ✓ Pass

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 AF76DA Background



This preview shows how black text looks on a background with the Hex color AF76DA.

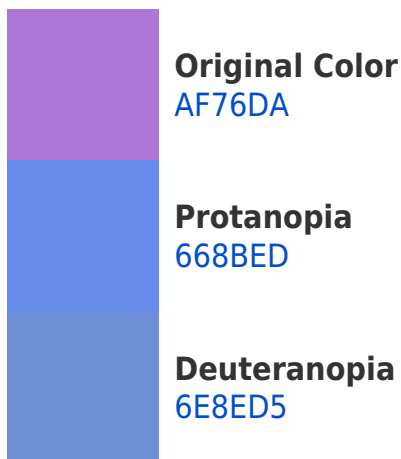


This preview shows how white text looks on a background with the Hex color AF76DA.

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](#).

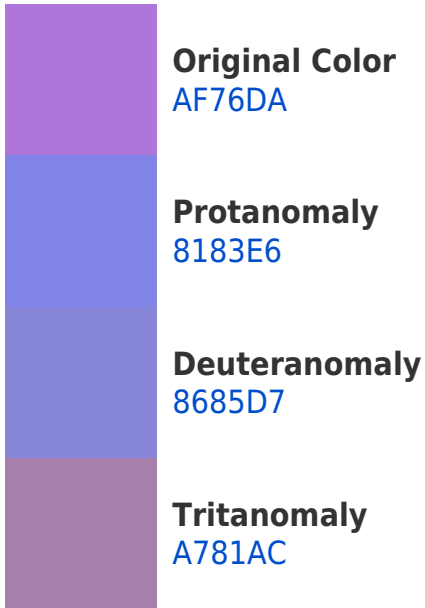
Dichromacy



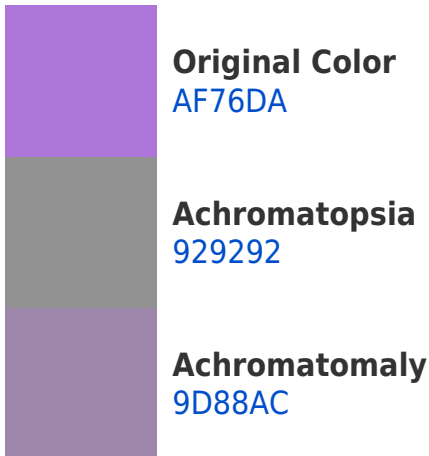


Tritanopia
A38791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF76DA 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 #AF76DA looks like.

```
.text, #text, p{  
  color:#AF76DA  
}
```

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 #AF76DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF76DA
}
```

Border

The CSS property to change the border of an element to Hex AF76DA 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
#AF76DA }
```

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

```
.border{ border-color:#AF76DA }
```

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

Here you see how a box with a 4 pixel #AF76DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF76DA; -webkit-box-shadow:4px 4px  
4px 4px #AF76DA; box-shadow:4px 4px 4px  
4px #AF76DA }
```

Background

The CSS property to change the background color of an element to Hex AF76DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF76DA }
```

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

```
.background{ background-color:#AF76DA }
```

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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