

Converting Colors

Hex(AF75CF)

Have a look what the booklet for
Hex(AF75CF) contains.

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Color

Hex(AF75CF)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | AF75CF |
| RGB | 175, 117, 207 |
| RGB Percent | 69%, 46%, 81% |
| CMY | 0.3137, 0.5412, 0.1882 |
| CMYK | 0.15, 0.43, 0.00, 0.19 |
| HSL | 279°, 48%, 64% |
| HSV | 279°, 43%, 81% |
| XYZ | 35.3030, 26.3415, 62.2552 |
| YIQ | 144.6020, 5.6780, 40.2860 |

Conversions

Conversions Part 2

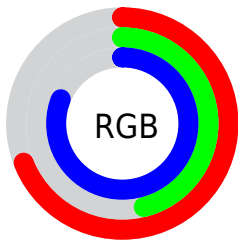
| Format | Color |
|-------------------------------------|--|
| RYB | 175, 117, 207 |
| Decimal | 11498959 |
| CIELab | 58.36, 38.90, -37.79 |
| CIELCh | 58, 54.232, 315.826 |
| Yxy | 26.3415, 0.2849, 0.2126 |
| Android (android.graphics.Color) | 4289689039 (0xFFAF75CF) |
| YUV | 144.6020, 30.7622, 26.6590 |
| Hunter-Lab | 51.3240, 32.9634, -35.9911 |

Details

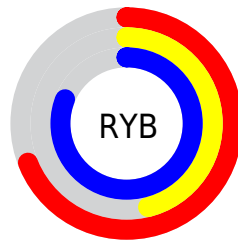
The Hex color **AF75CF** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **95CF75**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **E8AAFF**, and **794398** is the 20% darker color. If you saturate the color by 10%, you get **A860CF**, and if you desaturate by 10%, it is **B68ACF**.

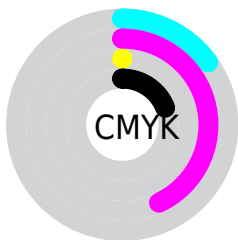
Distribution



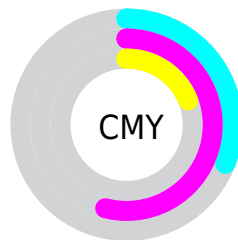
- Red (69%)
- Green (46%)
- Blue (81%)



- Red (69%)
- Yellow (46%)
- Blue (81%)



- Cyan (15%)
- Magenta (43%)
- Yellow (0%)
- Black (19%)



- Cyan (31%)
- Magenta (54%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF75CF 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 AF75CF by changing the saturation by 10% instead.

 AF75CF

 AF75CF

FFFFFF

 935BB3

 E8AAFF

 794398

 FFC6FF

 5E2A7E

 FFE2FF

 451165

 2C004C

 170035

 00021F

 000001

 000000

 AF75CF

 AF75CF

 A860CF

 B68ACF

 A04CCF

 BE9ECF

 9937CF

 C5B3CF

 9222CF

 CCC8CF

 8A0DCF

 D4DDCF

 8500CF

 DBF1CF

 E3FFCF

 EAFFCF

 F1FFCF

Harmonies

Analogous

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



6389E8



AF75CF



D764A5

Triad

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



AF75CF



B8822B



00A3A5

Complementary

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



AF75CF



95CF75

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.



00A273



AF75CF



8E9228

Square

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



AF75CF



D76F4A



579C46



00A1CF

Rectangle

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



AF75CF



E26085



579C46



00A394

Sweetspot

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



AF75CF



F3DEFF



7596CF



786B80



000000



808080

Same Dimension

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



AF75CF



D07AFF



CF75C3



655E69



6C00A8



1A0029

Inverse Universe

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



CF7595



FF7AAA



75CF81



695E62



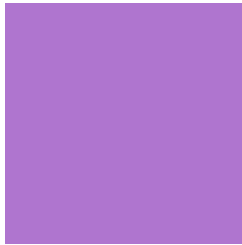
A8003C



29000F

Previews

White Background



This preview shows how the Hex color AF75CF 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

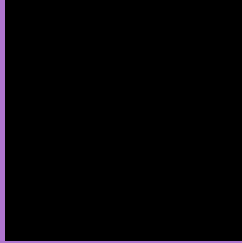
Any Text WCAG AA ✓ Pass

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 AF75CF Background



This preview shows how black text looks on a background with the Hex color AF75CF.

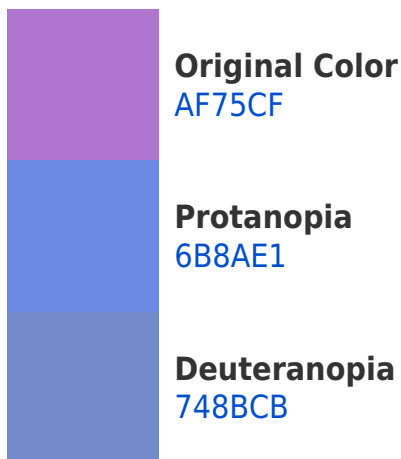


This preview shows how white text looks on a background with the Hex color AF75CF.

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](#).

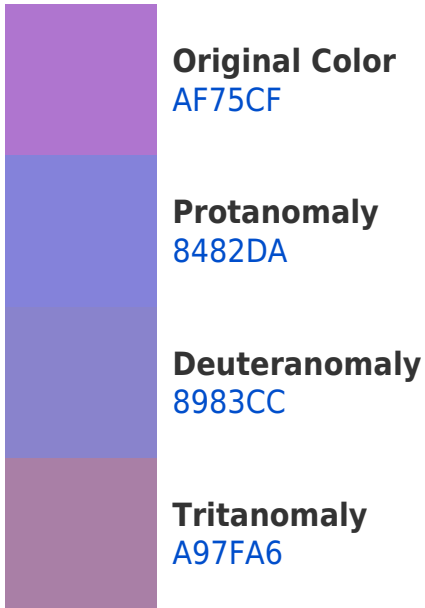
Dichromacy



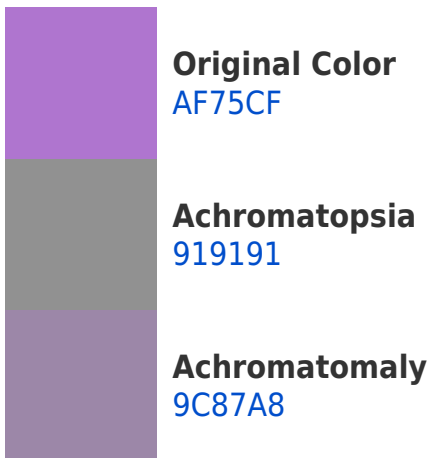


Tritanopia
A5848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF75CF 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 #AF75CF looks like.

```
.text, #text, p{  
    color:#AF75CF  
}
```

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 #AF75CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF75CF
}
```

Border

The CSS property to change the border of an element to Hex AF75CF 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
#AF75CF }
```

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

```
.border{ border-color:#AF75CF }
```

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

Here you see how a box with a 4 pixel #AF75CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF75CF; -webkit-box-shadow:4px 4px  
4px 4px #AF75CF; box-shadow:4px 4px 4px  
4px #AF75CF }
```

Background

The CSS property to change the background color of an element to Hex AF75CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF75CF }
```

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

```
.background{ background-color:#AF75CF }
```

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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