

# Converting Colors

Hex(AF6CC6)

Have a look what the booklet for  
Hex(AF6CC6) contains.

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# **Color**

**Hex(AF6CC6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AF6CC6
RGB	175, 108, 198
RGB Percent	69%, 42%, 78%
CMY	0.3137, 0.5765, 0.2235
CMYK	0.12, 0.45, 0.00, 0.22
HSL	285°, 44%, 60%
HSV	285°, 45%, 78%
XYZ	33.2348, 23.9163, 56.2907
YIQ	138.2930, 11.0420, 42.1940

# Conversions

## Conversions Part 2

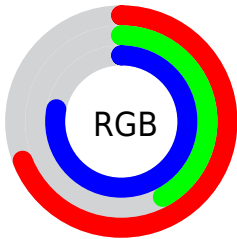
<b>Format</b>	<b>Color</b>
<b>RYB</b>	175, 108, 198
Decimal	11496646
CIELab	56.00, 41.89, -36.37
CIELCh	56, 55.479, 319.033
Yxy	23.9163, 0.2930, 0.2108
Android (android.graphics.Color)	4289686726 (0xFFAF6CC6)
YUV	138.2930, 29.4356, 32.1920
Hunter-Lab	48.9043, 35.7240, -34.0121

# Details

The Hex color **AF6CC6** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **83C66C**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **E8A1FF**, and **793990** is the 20% darker color. If you saturate the color by 10%, you get **AA58C6**, and if you desaturate by 10%, it is **B480C6**.

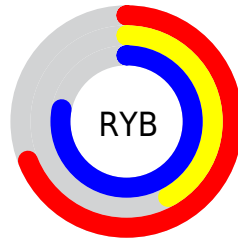
# Distribution



Red (69%)

Green (42%)

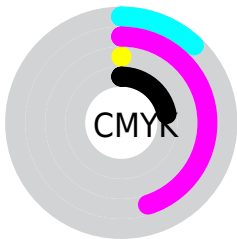
Blue (78%)



Red (69%)

Yellow (42%)

Blue (78%)

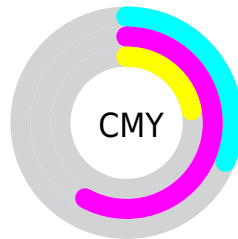


Cyan (12%)

Magenta (45%)

Yellow (0%)

Black (22%)



Cyan (31%)

Magenta (58%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF6CC6 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 AF6CC6 by changing the saturation by 10% instead.



 AF6CC6

 AF6CC6

FFFFFF

 9352AA

 E8A1FF

 793990

 FFBDFE

 5E2076

 FFD9FF

 45035D

 FFF6FF

 2C0045

 14002E

 000118

 000000

 AF6CC6

 AF6CC6

■ AA58C6

■ B480C6

■ A544C6

■ B994C6

■ A031C6

■ BEA7C6

■ 9B1DC6

■ C3BBC6

■ 9609C6

■ C8CFC6

■ 9300C6

■ CDE3C6

■ D2F7C6

■ D7FFC6

■ DDFFC6

# Harmonies

## Analogous

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



6681E2



AF6CC6



D55B9A

# Triad

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



AF6CC6



AE7E1F



009DA4

# Complementary

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



AF6CC6



83C66C

# 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.



009C72



AF6CC6



828D20

# Square

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



AF6CC6



CF6A3E



479743



009ACE

# Rectangle

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



AF6CC6



DE587A



479743



009D94



# Sweetspot

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



AF6CC6



F6DBFF



6C84C6



7A6A80



000000



808080



# Same Dimension

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



AF6CC6



DB73FF



C66CB1



615A63



7900A3



1B0024



# Inverse Universe

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



C66C83



FF7397



6CC681



635A5C



A3002A



240009



# Previews

## White Background



This preview shows how the Hex color AF6CC6 looks on a white background.

## Color Contrast Check

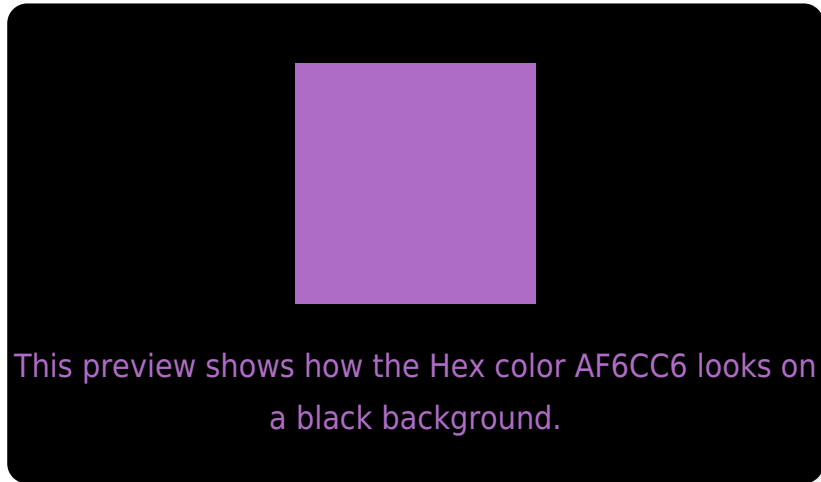
Large Text (above 18pt) WCAG AA ✓ Pass

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

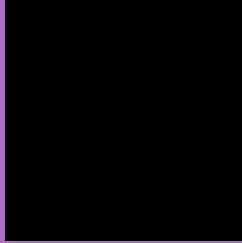
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AF6CC6 Background



This preview shows how black text looks on a background with the Hex color AF6CC6.

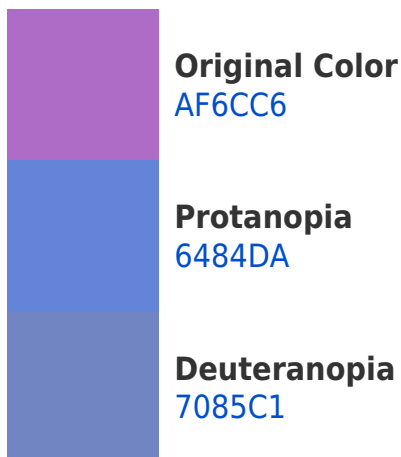


This preview shows how white text looks on a background with the Hex color AF6CC6.

# 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](#).

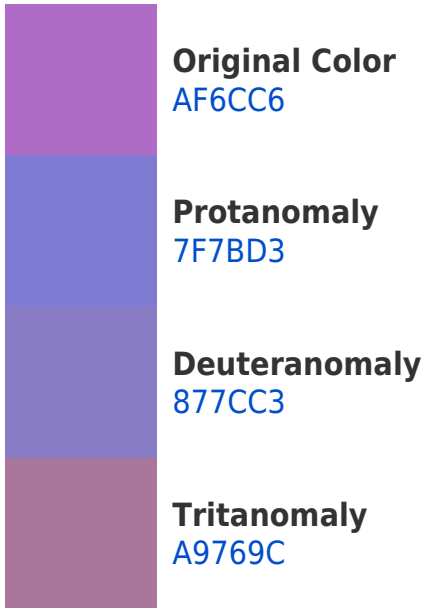
## Dichromacy



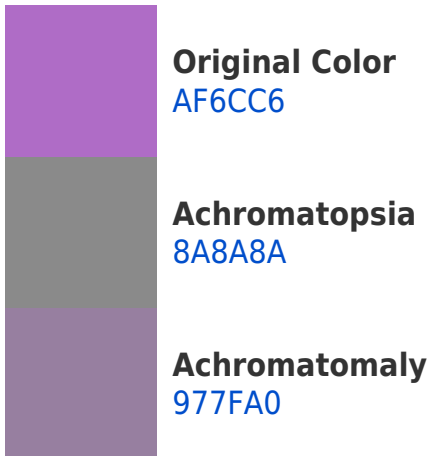


**Tritanopia**  
A57B84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF6CC6 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 #AF6CC6 looks like.

```
.text, #text, p{  
    color:#AF6CC6  
}
```

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 #AF6CC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF6CC6
}
```

## Border

The CSS property to change the border of an element to Hex AF6CC6 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
#AF6CC6 }
```

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

```
.border{ border-color:#AF6CC6 }
```

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

Here you see how a box with a 4 pixel #AF6CC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF6CC6; -webkit-box-shadow:4px 4px  
4px 4px #AF6CC6; box-shadow:4px 4px 4px  
4px #AF6CC6 }
```

# Background

The CSS property to change the background color of an element to Hex AF6CC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF6CC6 }
```

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

```
.background{ background-color:#AF6CC6 }
```

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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