

# Converting Colors

Hex(A745CC)

Have a look what the booklet for  
Hex(A745CC) contains.

|  |    |
|--|----|
| <b>Hex(A745CC)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

Hex(A745CC)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | A745CC                     |
| RGB           | 167, 69, 204               |
| RGB Percent   | 65%, 27%, 80%              |
| CMY           | 0.3451, 0.7294, 0.2000     |
| CMYK          | 0.18, 0.66, 0.00, 0.20     |
| HSL           | 284°, 57%, 54%             |
| HSV           | 284°, 66%, 80%             |
| XYZ           | 28.9636, 16.8314, 58.8490  |
| YIQ           | 113.6920, 15.0730, 62.7610 |

# Conversions

## Conversions Part 2

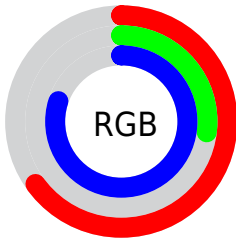
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 167, 69, 204                  |
| Decimal                             | 10962380                      |
| CIE <sub>Lab</sub>                  | 48.05, 60.40, -52.49          |
| CIE <sub>LCh</sub>                  | 48, 80.021, 319.010           |
| Yxy                                 | 16.8314, 0.2768,<br>0.1608    |
| Android<br>(android.graphics.Color) | 4289152460<br>(0xFFA745CC)    |
| YUV                                 | 113.6920, 44.5218,<br>46.7511 |
| Hunter-Lab                          | 41.0260, 54.2218,<br>-56.3291 |

# Details

The Hex color **A745CC** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **6ACC45**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **E17CFF**, and **6F0095** is the 20% darker color. If you saturate the color by 10%, you get **A131CC**, and if you desaturate by 10%, it is **AD59CC**.

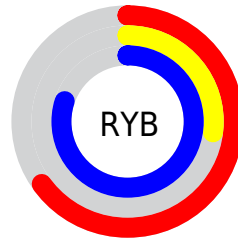
# Distribution



Red (65%)

Green (27%)

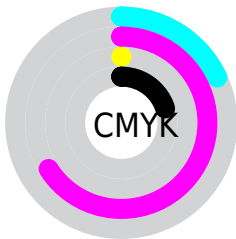
Blue (80%)



Red (65%)

Yellow (27%)

Blue (80%)

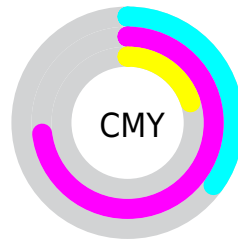


Cyan (18%)

Magenta (66%)

Yellow (0%)

Black (20%)



Cyan (35%)

Magenta (73%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A745CC 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 A745CC by changing the saturation by 10% instead.



 A745CC

 A745CC

FFFFFF

 8B28B0

 E17CFF

 6F0095

 FF97FF

 53007B

 FFB3FF

 370061

 FFD0FF

 1E0048

 FFEDFF

 000031

 00011B

 000000

 A745CC

 A745CC

 A131CC

 AD59CC

 9C1CCC

 B26ECC

 9608CC

 B882CC

 9400CC

 BD97CC

 C3ABCC

 C9BFCC

 CED4CC

 D4E8CC

 D9FDCC

# Harmonies

## Analogous

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



006CF4



A745CC



DB008E

# Triad

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



A745CC



9F6600



008E9D

# Complementary

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



A745CC



6ACC45

# 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.



008C56



A745CC



637C00

# Square

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



A745CC



CC4200



008700



008CD8

# Rectangle

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



A745CC



E50061



008700



008E85



# Sweetspot

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



A745CC



F1CCFF



456BCC



776180



000000



808080



# Same Dimension

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



A745CC



C836FF



CC45AF



635C66



7800A6



1C0026



# Inverse Universe

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



CC456A



FF366D



45CC62



665C5F



A6002D

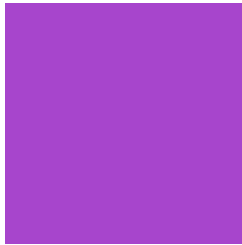


26000A



# Previews

## White Background



This preview shows how the Hex color A745CC looks on a white background.

## Color Contrast Check

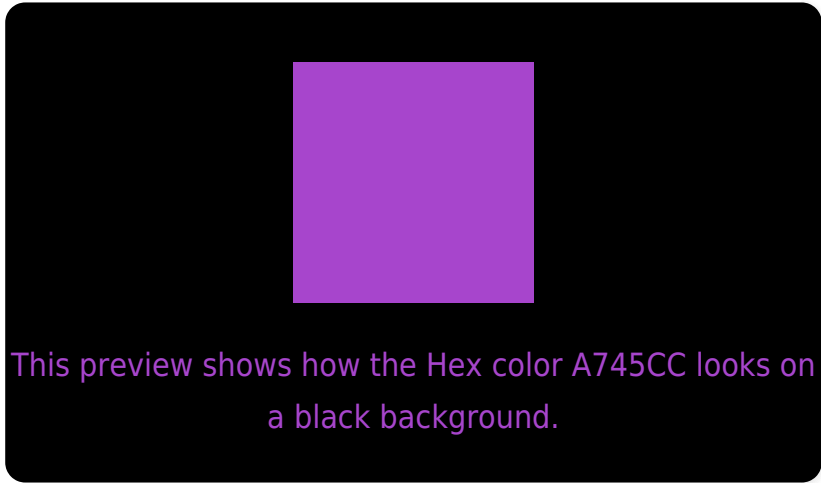
Large Text (above 18pt) WCAG AA ✓ Pass

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

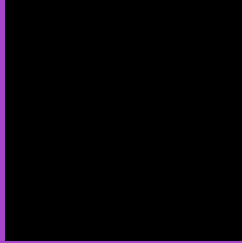
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A745CC Background



This preview shows how black text looks on a background with the Hex color A745CC.

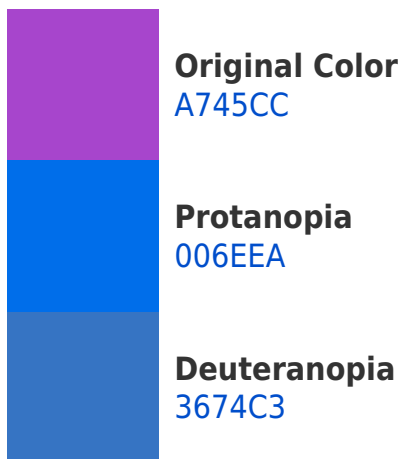



This preview shows how white text looks on a background with the Hex color A745CC.

# 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](#).

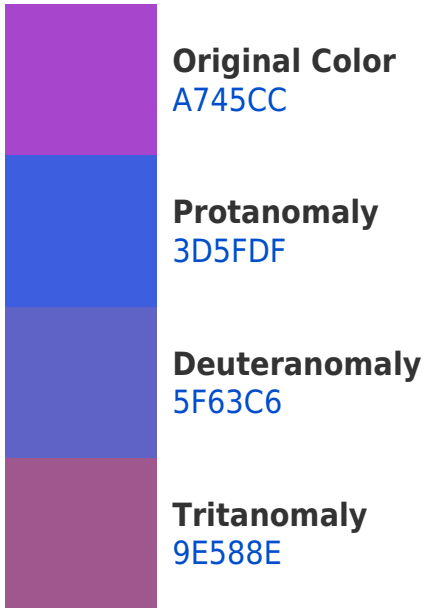
## Dichromacy



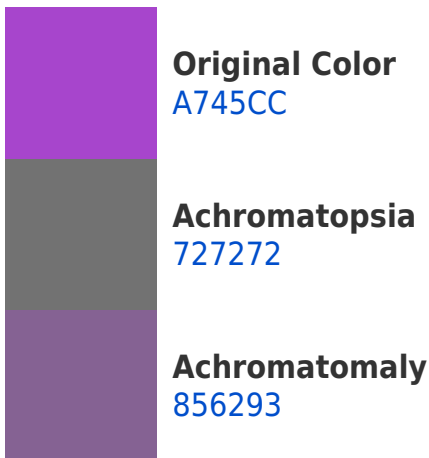


**Tritanopia**  
99636B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A745CC 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 #A745CC looks like.

```
.text, #text, p{  
    color:#A745CC  
}
```

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 #A745CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A745CC
}
```

## Border

The CSS property to change the border of an element to Hex A745CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

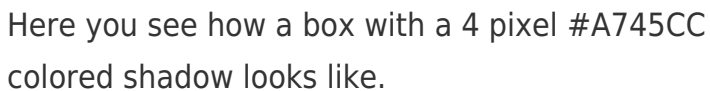
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A745CC }
```

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

```
.border{ border-color:#A745CC }
```

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



Here you see how a box with a 4 pixel #A745CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A745CC; -webkit-box-shadow:4px 4px  
4px 4px #A745CC; box-shadow:4px 4px 4px  
4px #A745CC }
```

# Background

The CSS property to change the background color of an element to Hex A745CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A745CC }
```

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

```
.background{ background-color:#A745CC }
```

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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