

# Converting Colors

Hex(A753CF)

Have a look what the booklet for  
Hex(A753CF) contains.

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# Color

Hex(A753CF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A753CF
RGB	167, 83, 207
RGB Percent	65%, 33%, 81%
CMY	0.3451, 0.6745, 0.1882
CMYK	0.19, 0.60, 0.00, 0.19
HSL	281°, 56%, 57%
HSV	281°, 60%, 81%
XYZ	30.2921, 18.9070, 61.0843
YIQ	122.2520, 10.2600, 56.3720

# Conversions

## Conversions Part 2

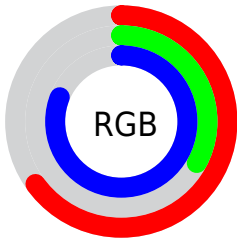
Format	Color
R <sub>Y</sub> B	167, 83, 207
Decimal	10965967
CIE Lab	50.58, 54.56, -50.16
CIE LCh	51, 74.113, 317.405
Yxy	18.9070, 0.2747, 0.1714
Android (android.graphics.Color)	4289156047 (0xFFA753CF)
YUV	122.2520, 41.7808, 39.2440
Hunter-Lab	43.4822, 48.2592, -52.8538

# Details

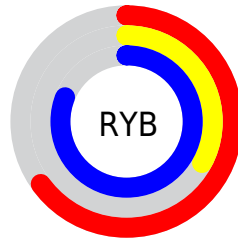
The Hex color **A753CF** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **7BCF53**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **E188FF**, and **6F1C98** is the 20% darker color. If you saturate the color by 10%, you get **A03ECF**, and if you desaturate by 10%, it is **AE68CF**.

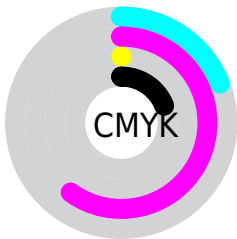
# Distribution



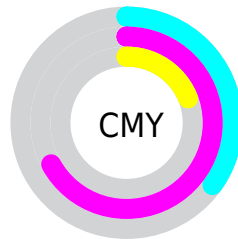
- Red (65%)
- Green (33%)
- Blue (81%)



- Red (65%)
- Yellow (33%)
- Blue (81%)



- Cyan (19%)
- Magenta (60%)
- Yellow (0%)
- Black (19%)



- Cyan (35%)
- Magenta (67%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A753CF 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 A753CF by changing the saturation by 10% instead.



 A753CF

 A753CF

FFFFFF

 8B38B3

 E188FF

 6F1C98

 FEA4FF

 54007D

 FFC0FF

 390064

 FFDDFF

 21004B

 FFFAFF

 000033

 00021D

 000000

 A753CF

 A753CF

 A03ECF

 AE68CF

 9A2ACF

 B47CCF

 9315CF

 BB91CF

 8C00CF

 C2A6CF

 C8BBCF

 CFCFCF

 D6E4CF

 DCF9CF

 E3FFCF

# Harmonies

## Analogous

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



0D74F3



A753CF



DA2C96

# Triad

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



A753CF



A86C00



00949D

# Complementary

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



A753CF



7BCF53

# 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.



00925B



A753CF



708100

# Square

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



A753CF



D14D18



018C11



0091D5

# Rectangle

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



A753CF



E5226C



018C11



009387



# Sweetspot

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



A753CF



F0D1FF



537CCF



766380



000000



808080



# Same Dimension

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



A753CF



C447FF



CF53BA



655E69



7200A8



1C0029



# Inverse Universe

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



CF537B



FF4783



53CF68



695E61



A80036



29000D



# Previews

## White Background



This preview shows how the Hex color A753CF looks on a white background.

## Color Contrast Check

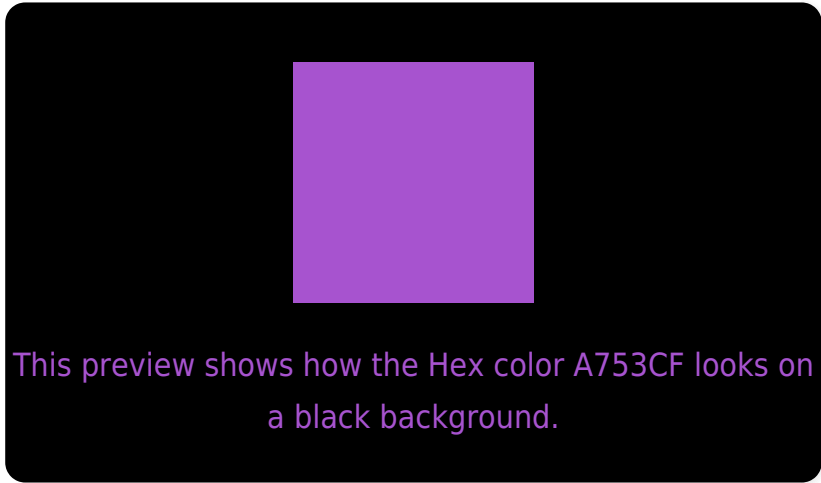
Large Text (above 18pt) WCAG AA ✓ Pass

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 A753CF Background



This preview shows how black text looks on a background with the Hex color A753CF.

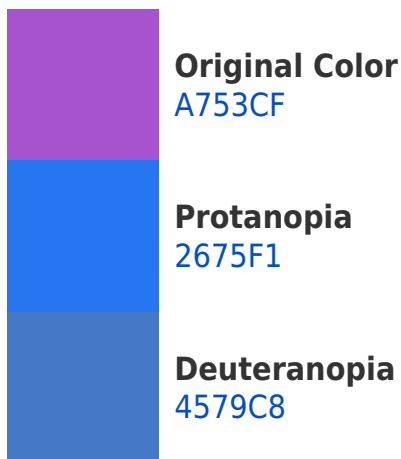


This preview shows how white text looks on a background with the Hex color A753CF.

# 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](#).

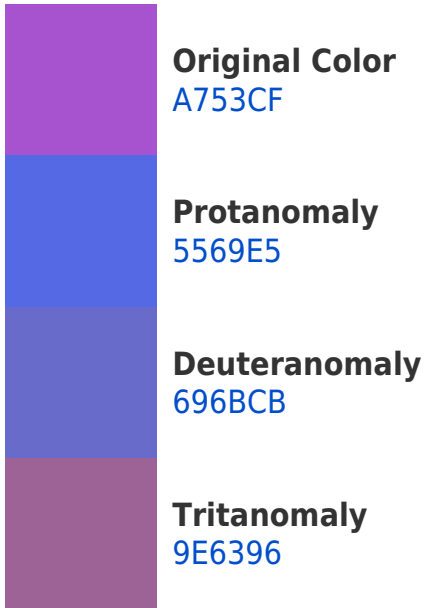
## Dichromacy



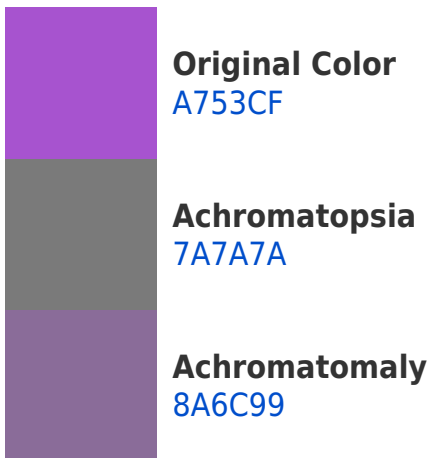


**Tritanopia**  
996C75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A753CF 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 #A753CF looks like.

```
.text, #text, p{  
    color:#A753CF  
}
```

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 #A753CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A753CF
}
```

## Border

The CSS property to change the border of an element to Hex A753CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

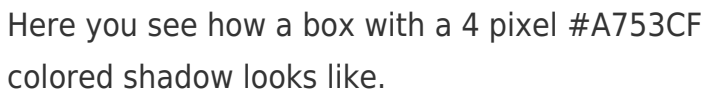
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A753CF }
```

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

```
.border{ border-color:#A753CF }
```

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



Here you see how a box with a 4 pixel #A753CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A753CF; -webkit-box-shadow:4px 4px  
4px 4px #A753CF; box-shadow:4px 4px 4px  
4px #A753CF }
```

# Background

The CSS property to change the background color of an element to Hex A753CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A753CF }
```

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

```
.background{ background-color:#A753CF }
```

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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