

# Converting Colors

Hex(A472CC)

Have a look what the booklet for  
Hex(A472CC) contains.

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# **Color**

**Hex(A472CC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A472CC
RGB	164, 114, 204
RGB Percent	64%, 45%, 80%
CMY	0.3569, 0.5529, 0.2000
CMYK	0.20, 0.44, 0.00, 0.20
HSL	273°, 47%, 62%
HSV	273°, 44%, 80%
XYZ	32.2262, 24.2868, 60.1160
YIQ	139.2100, 0.9100, 38.5900

# Conversions

## Conversions Part 2

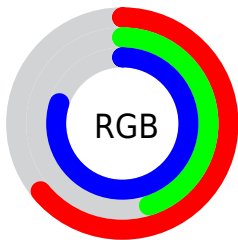
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 114, 204
Decimal	10777292
CIELab	56.37, 36.70, -39.29
CIELCh	56, 53.764, 313.045
Yxy	24.2868, 0.2763, 0.2082
Android (android.graphics.Color)	4288967372 (0xFFA472CC)
YUV	139.2100, 31.9415, 21.7408
Hunter-Lab	49.2816, 30.4819, -37.8276

# Details

The Hex color **A472CC** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **9ACC72**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **DCA7FF**, and **6E4095** is the 20% darker color. If you saturate the color by 10%, you get **9B5ECC**, and if you desaturate by 10%, it is **AD86CC**.

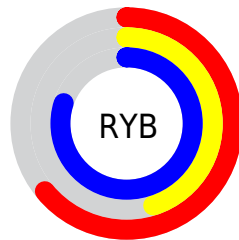
# Distribution



Red (64%)

Green (45%)

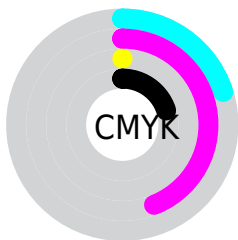
Blue (80%)



Red (64%)

Yellow (45%)

Blue (80%)

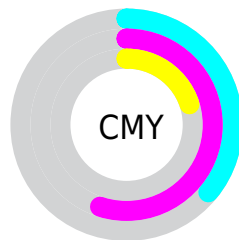


Cyan (20%)

Magenta (44%)

Yellow (0%)

Black (20%)



Cyan (36%)

Magenta (55%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A472CC 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 A472CC by changing the saturation by 10% instead.



 A472CC

 A472CC

FFFFFF

 8959B0

 DCA7FF

 6E4095

 FAC2FF

 54297B

 FFDFFF

 3B1062

 FFFBFF

 210049

 050032

 00021C

 000000

 A472CC

 A472CC

9B5ECC

AD86CC

9249CC

B69BCC

8935CC

BFAFCC

8020CC

C8C4CC

770CCC

D1D8CC

7100CC

DAECCC

E3FFCC

EDFFCC

F6FFCC

# Harmonies

## Analogous

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



5485E3



A472CC



CF60A4

# Triad

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



A472CC



B67B29



009E9B

# Complementary

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



A472CC



9ACC72

# 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.



009C6A



A472CC



8D8B23

# Square

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



A472CC



D36949



58963F



009BC6

# Rectangle

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



A472CC



DB5B84



58963F



009E8B



# Sweetspot

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



A472CC



F0DEFF



729BCC



766B80



000000



808080



# Same Dimension

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



A472CC



C378FF



CC72C8



615C66



5C00A6



150026



# Inverse Universe

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



CC729A



FF78B4



72CC76



665C60



A6004A

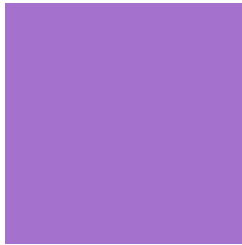


260011



# Previews

## White Background



This preview shows how the Hex color A472CC 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

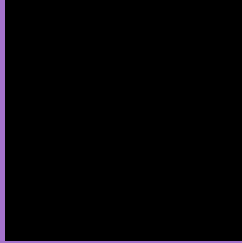
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A472CC Background



This preview shows how black text looks on a background with the Hex color A472CC.

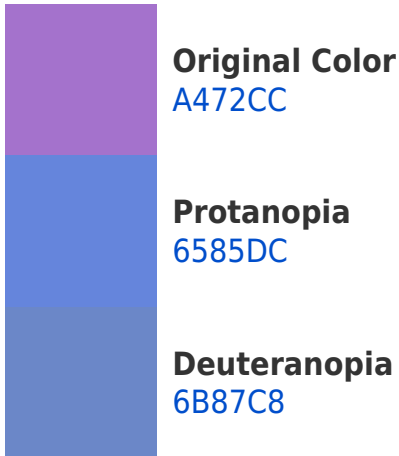


This preview shows how white text looks on a background with the Hex color A472CC.

# 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](#).

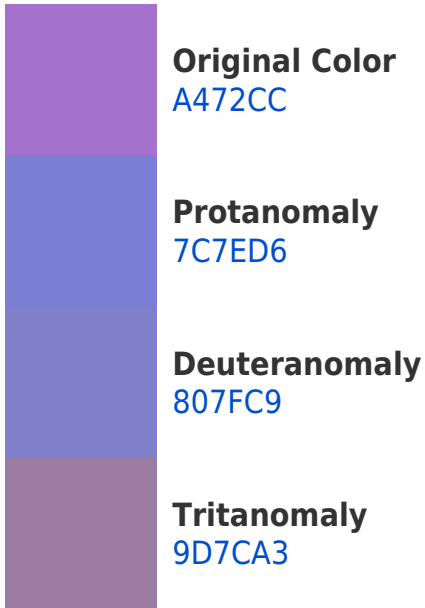
## Dichromacy





**Tritanopia**  
99818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A472CC 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 #A472CC looks like.

```
.text, #text, p{  
    color:#A472CC  
}
```

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 #A472CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A472CC
}
```

## Border

The CSS property to change the border of an element to Hex A472CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

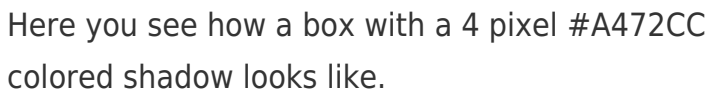
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A472CC }
```

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

```
.border{ border-color:#A472CC }
```

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



Here you see how a box with a 4 pixel #A472CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A472CC; -webkit-box-shadow:4px 4px  
4px 4px #A472CC; box-shadow:4px 4px 4px  
4px #A472CC }
```

# Background

The CSS property to change the background color of an element to Hex A472CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A472CC }
```

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

```
.background{ background-color:#A472CC }
```

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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