

# Converting Colors

Hex(A465CD)

Have a look what the booklet for  
Hex(A465CD) contains.

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# Color

**Hex(A465CD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A465CD
RGB	164, 101, 205
RGB Percent	64%, 40%, 80%
CMY	0.3569, 0.6039, 0.1961
CMYK	0.20, 0.51, 0.00, 0.20
HSL	276°, 51%, 60%
HSV	276°, 51%, 80%
XYZ	30.9830, 21.6077, 60.2953
YIQ	131.6930, 4.1640, 45.7000

# Conversions

## Conversions Part 2

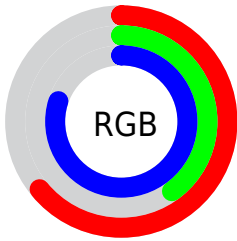
Format	Color
<a href="#">RYB</a>	<a href="#">164, 101, 205</a>
Decimal	<a href="#">10773965</a>
CIELab	<a href="#">53.61, 44.08, -44.22</a>
CIELCh	<a href="#">54, 62.436, 314.904</a>
Yxy	<a href="#">21.6077, 0.2745, 0.1914</a>
Android (android.graphics.Color)	<a href="#">4288964045 (0xFFA465CD)</a>
YUV	<a href="#">131.6930, 36.1404, 28.3332</a>
Hunter-Lab	<a href="#">46.4840, 37.6284, -44.3674</a>

# Details

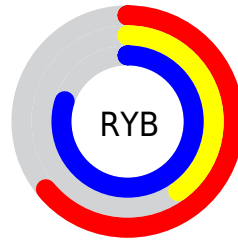
The Hex color **A465CD** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **8ECD65**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **DD9AFF**, and **6D3396** is the 20% darker color. If you saturate the color by 10%, you get **9C51CD**, and if you desaturate by 10%, it is **AC7ACD**.

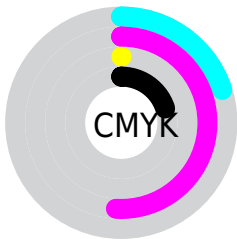
# Distribution



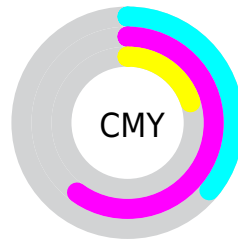
- Red (64%)
- Green (40%)
- Blue (80%)



- Red (64%)
- Yellow (40%)
- Blue (80%)



- Cyan (20%)
- Magenta (51%)
- Yellow (0%)
- Black (20%)



- Cyan (36%)
- Magenta (60%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A465CD 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 A465CD by changing the saturation by 10% instead.



 A465CD

 A465CD

FFFFFF

 884CB1

 DD9AFF

 6D3396

 FAB5FF

 53197C

 FFD1FF

 390062

 FFEEFF

 1F004A

 000033

 00021C

 000000

 A465CD

 A465CD

9C51CD

AC7ACD

943CCD

B48ECD

8C27CD

BCA3CD

8413CD

C4B7CD

7C00CD

CCCCCD

D4E0CD

DDF5CD

E5FFCD

EDFFCD

# Harmonies

## Analogous

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



3E7DE9



A465CD



D34D9E

# Triad

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



A465CD



B07400



00999A

# Complementary

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



A465CD



8ECD65

# 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.



009762



A465CD



818600

# Square

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



A465CD



D25C35



40912C



0096CB

# Rectangle

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



A465CD



DF477A



40912C



009988



# Sweetspot

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



A465CD



F0D9FF



658FCD



766980



000000



808080



# Same Dimension

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



A465CD



C263FF



CD65C3



625C66



6400A6



170026



# Inverse Universe

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



CD658E



FF63A1



65CD6F



665C60



A60041

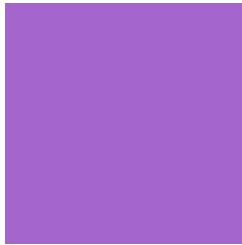


26000F



# Previews

## White Background



This preview shows how the Hex color A465CD looks on a white background.

## Color Contrast Check

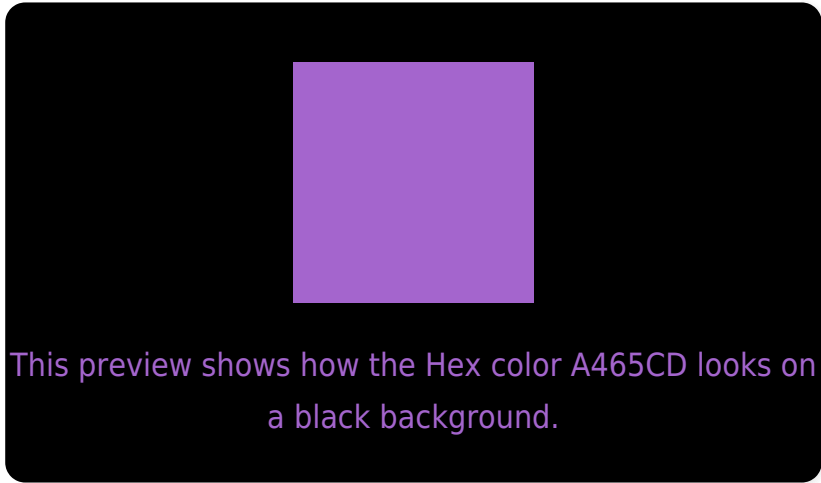
Large Text (above 18pt) WCAG AA ✓ Pass

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

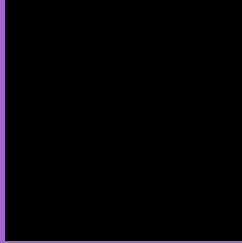
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A465CD Background



This preview shows how black text looks on a background with the Hex color A465CD.

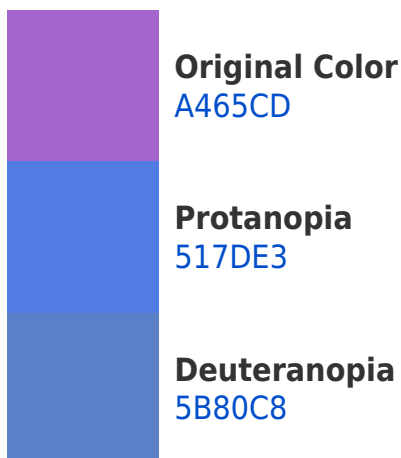


This preview shows how white text looks on a background with the Hex color A465CD.

# 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](#).

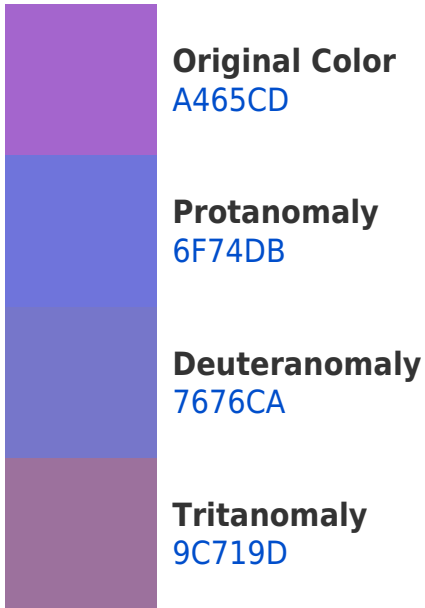
## Dichromacy





**Tritanopia**  
987881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A465CD 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 #A465CD looks like.

```
.text, #text, p{  
    color:#A465CD  
}
```

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 #A465CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A465CD
}
```

## Border

The CSS property to change the border of an element to Hex A465CD is called "border". The border property can be set on classes, ids or directly on the HTML element.

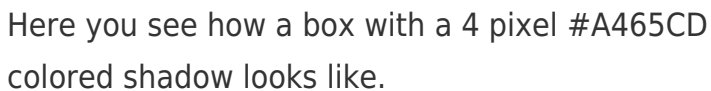
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A465CD }
```

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

```
.border{ border-color:#A465CD }
```

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



Here you see how a box with a 4 pixel #A465CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A465CD; -webkit-box-shadow:4px 4px  
4px 4px #A465CD; box-shadow:4px 4px 4px  
4px #A465CD }
```

# Background

The CSS property to change the background color of an element to Hex A465CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A465CD }
```

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

```
.background{ background-color:#A465CD }
```

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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