

# Converting Colors

Hex(A165CE)

Have a look what the booklet for  
Hex(A165CE) contains.

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# Color

Hex(A165CE)

# Conversions

## Conversions Part 1

Format	Color
Hex	A165CE
RGB	161, 101, 206
RGB Percent	63%, 40%, 81%
CMY	0.3686, 0.6039, 0.1922
CMYK	0.22, 0.51, 0.00, 0.19
HSL	274°, 52%, 60%
HSV	274°, 51%, 81%
XYZ	30.4922, 21.3407, 60.9046
YIQ	130.9100, 2.0550, 45.3750

# Conversions

## Conversions Part 2

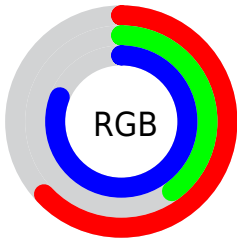
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	161, 101, 206
Decimal	10577358
CIE Lab	53.32, 43.49, -45.27
CIE LCh	53, 62.776, 313.851
Yxy	21.3407, 0.2705, 0.1893
Android (android.graphics.Color)	4288767438 (0xFFA165CE)
YUV	130.9100, 37.0194, 26.3889
Hunter-Lab	46.1960, 36.9782, -45.8305

# Details

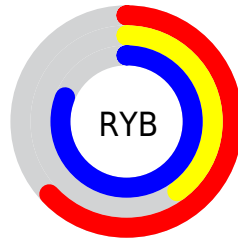
The Hex color **A165CE** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **92CE65**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **DA9AFF**, and **6A3397** is the 20% darker color. If you saturate the color by 10%, you get **9850CE**, and if you desaturate by 10%, it is **AA7ACE**.

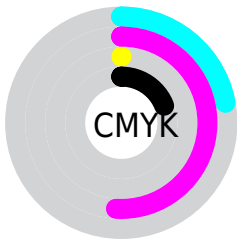
# Distribution



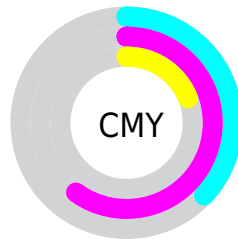
- Red (63%)
- Green (40%)
- Blue (81%)



- Red (63%)
- Yellow (40%)
- Blue (81%)



- Cyan (22%)
- Magenta (51%)
- Yellow (0%)
- Black (19%)



- Cyan (37%)
- Magenta (60%)
- Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the Hex color A165CE 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 A165CE by changing the saturation by 10% instead.



 A165CE

 A165CE

FFFFFF

 854CB2

 DA9AFF

 6A3397

 F7B5FF

 501A7D

 FFD1FF

 360063

 FFEEFF

 1C004B

 000033

 00021D

 000000

 A165CE

 A165CE

 9850CE

 AA7ACE

 8F3CCE

 B38ECE

 8727CE

 BBA3CE

 7E13CE

 C4B7CE

 7600CE

 CDCCCE

 D6E1CE

 DFF5CE

 E8FFCE

 F0FFCE

# Harmonies

## Analogous

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



347DE9



A165CE



D14D9F

# Triad

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



A165CE



B17200



009898

# Complementary

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



A165CE



92CE65

# 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.



00965F



A165CE



818500

# Square

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



A165CE



D25A36



429029



0096C9

# Rectangle

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



A165CE



DE467B



429029



009885



# Sweetspot

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



A165CE



EFD9FF



6593CE



766980



000000



808080



# Same Dimension

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



A165CE



BC63FF



CE65C7



625C66



5F00A6



160026



# Inverse Universe

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



CE6592



FF63A6



65CE6C



665C60



A60047

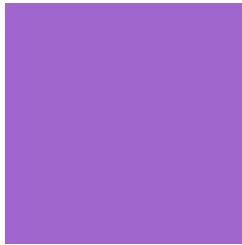


260010



# Previews

## White Background



This preview shows how the Hex color A165CE looks on a white background.

## Color Contrast Check

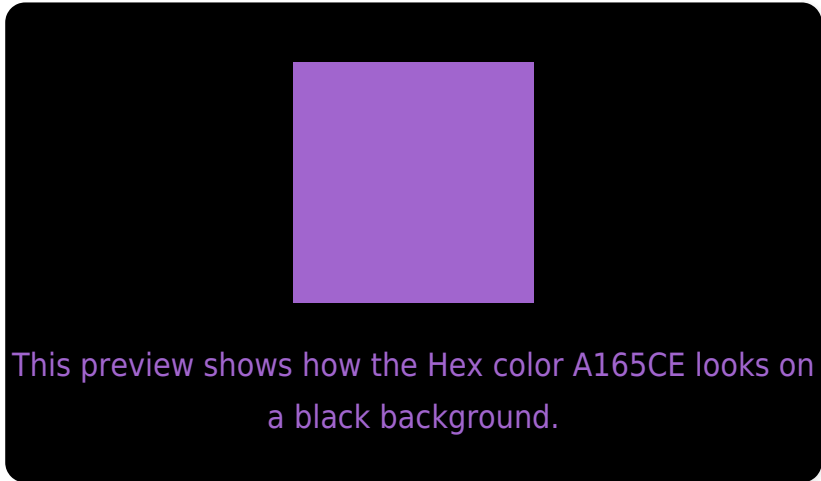
Large Text (above 18pt) WCAG AA ✓ Pass

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

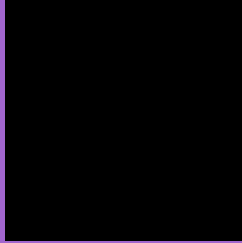
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A165CE Background



This preview shows how black text looks on a background with the Hex color A165CE.

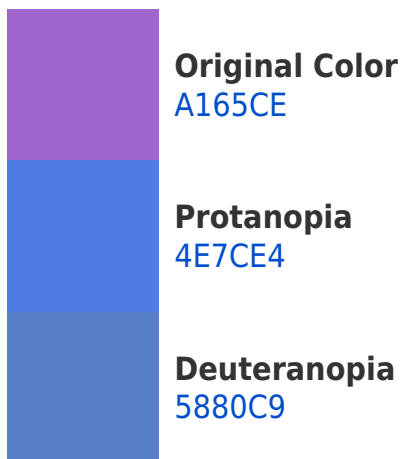


This preview shows how white text looks on a background with the Hex color A165CE.

# 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](#).

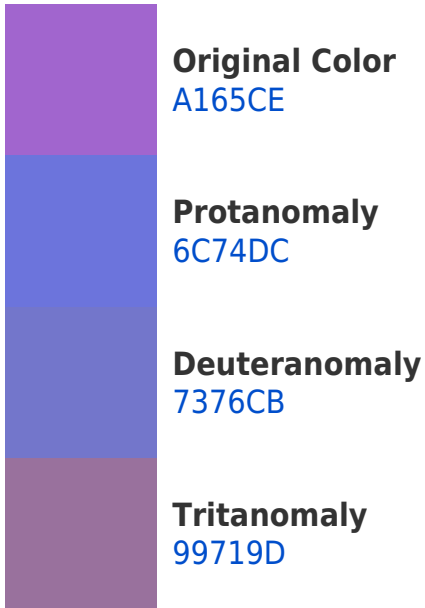
## Dichromacy





**Tritanopia**  
947881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A165CE 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 #A165CE looks like.

```
.text, #text, p{  
    color:#A165CE  
}
```

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 #A165CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A165CE
}
```

## Border

The CSS property to change the border of an element to Hex A165CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

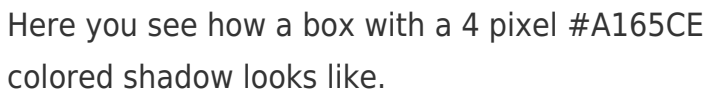
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A165CE }
```

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

```
.border{ border-color:#A165CE }
```

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



Here you see how a box with a 4 pixel #A165CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A165CE; -webkit-box-shadow:4px 4px  
4px 4px #A165CE; box-shadow:4px 4px 4px  
4px #A165CE }
```

# Background

The CSS property to change the background color of an element to Hex A165CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A165CE }
```

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

```
.background{ background-color:#A165CE }
```

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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