

Converting Colors

Hex(A165DE)

Have a look what the booklet for
Hex(A165DE) contains.

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Color

Hex(A165DE)

Conversions

Conversions Part 1

Format	Color
Hex	A165DE
RGB	161, 101, 222
RGB Percent	63%, 40%, 87%
CMY	0.3686, 0.6039, 0.1294
CMYK	0.27, 0.55, 0.00, 0.13
HSL	270°, 65%, 63%
HSV	270°, 55%, 87%
XYZ	32.5364, 22.1584, 71.6694
YIQ	132.7340, -3.0810, 50.3510

Conversions

Conversions Part 2

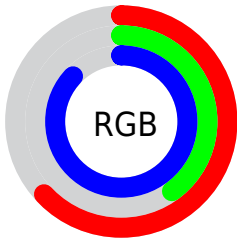
Format	Color
RYB	161, 101, 222
Decimal	10577374
CIELab	54.19, 47.21, -52.95
CIElCh	54, 70.937, 311.717
Yxy	22.1584, 0.2575, 0.1754
Android (android.graphics.Color)	4288767454 (0xFFA165DE)
YUV	132.7340, 44.0081, 24.7893
Hunter-Lab	47.0727, 41.0013, -57.3197

Details

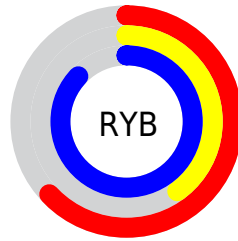
The Hex color **A165DE** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A2DE65**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **DA9AFF**, and **6932A6** is the 20% darker color. If you saturate the color by 10%, you get **964FDE**, and if you desaturate by 10%, it is **AC7BDE**.

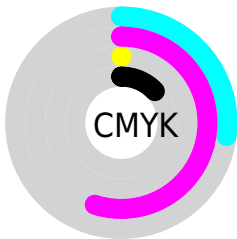
Distribution



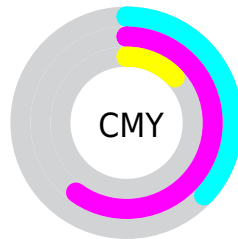
- Red (63%)
- Green (40%)
- Blue (87%)



- Red (63%)
- Yellow (40%)
- Blue (87%)



- Cyan (27%)
- Magenta (55%)
- Yellow (0%)
- Black (13%)



- Cyan (37%)
- Magenta (60%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color A165DE 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 A165DE by changing the saturation by 10% instead.

 A165DE

 A165DE

FFFFFF

 854CC2

 DA9AFF

 6932A6


 F8B5FF

 4E188B

 FFD1FF

 320071

 FFEEFF

 130058

 000040

 000329

 000112

 000000

 A165DE

 A165DE

 964FDE

 AC7BDE

 8B39DE

 B791DE

 7F22DE

 C3A8DE

 740CDE

 CEBEDE

 6E00DE

 D9D4DE

 E4EADE

 EFFFDE

 FBFFDE

 FFFFDE

Harmonies

Analogous

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



0081FB



A165DE



DB45AA

Triad

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



A165DE



BA7100



009D99

Complementary

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



A165DE



A2DE65

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.



009A59



A165DE



868600

Square

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



A165DE



DF5332



3E9414



009BD2

Rectangle

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



A165DE



EB3981



3E9414



009C83

Sweetspot

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



A165DE



EAD6FF



65A4DE



736780



000000



808080

Same Dimension

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



A165DE



AB59FF



DC65DE



6B6570



5700B0



180030

Inverse Universe

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



DE65A2



FF59AD



67DE65



70656B



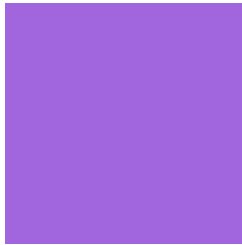
B00059



300018

Previews

White Background



This preview shows how the Hex color A165DE looks on a white background.

Color Contrast Check

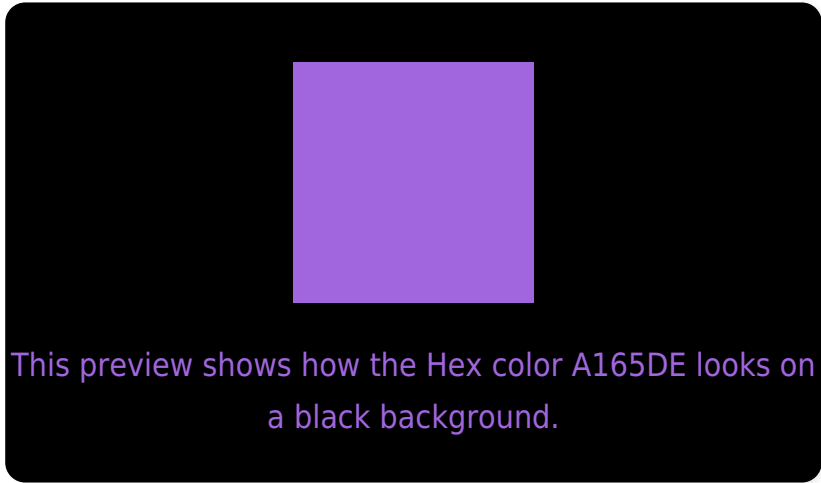
Large Text (above 18pt) WCAG AA ✓ Pass

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

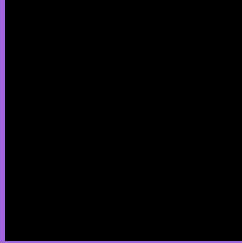
Any Text WCAG AA ✓ Pass

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 A165DE Background



This preview shows how black text looks on a background with the Hex color A165DE.

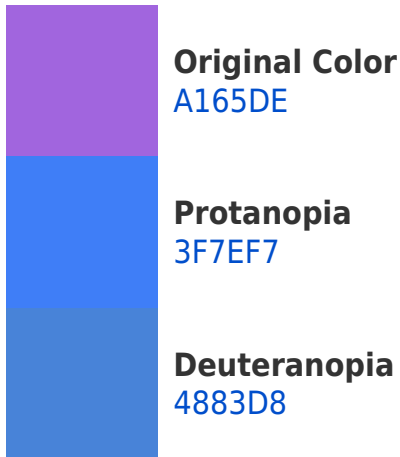


This preview shows how white text looks on a background with the Hex color A165DE.

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](#).

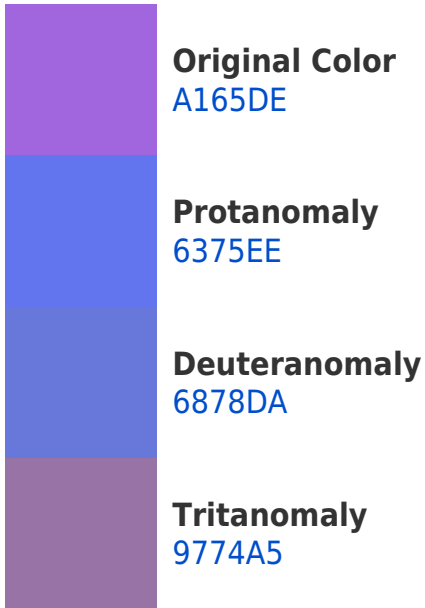
Dichromacy



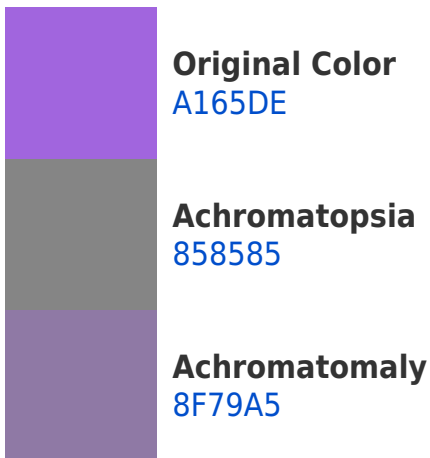


Tritanopia
917C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A165DE 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 #A165DE looks like.

```
.text, #text, p{  
    color:#A165DE  
}
```

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 #A165DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A165DE
}
```

Border

The CSS property to change the border of an element to Hex A165DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

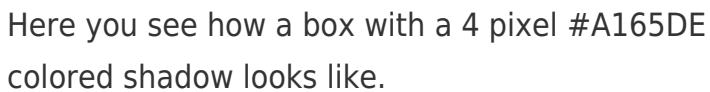
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A165DE }
```

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

```
.border{ border-color:#A165DE }
```

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



Here you see how a box with a 4 pixel #A165DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A165DE; -webkit-box-shadow:4px 4px  
4px 4px #A165DE; box-shadow:4px 4px 4px  
4px #A165DE }
```

Background

The CSS property to change the background color of an element to Hex A165DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A165DE }
```

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

```
.background{ background-color:#A165DE }
```

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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