

Converting Colors

Hex(A65ECD)

Have a look what the booklet for
Hex(A65ECD) contains.

Hex(A65ECD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A65ECD)

Conversions

Conversions Part 1

Format	Color
Hex	A65ECD
RGB	166, 94, 205
RGB Percent	65%, 37%, 80%
CMY	0.3490, 0.6314, 0.1961
CMYK	0.19, 0.54, 0.00, 0.20
HSL	279°, 53%, 59%
HSV	279°, 54%, 80%
XYZ	30.7480, 20.5202, 60.0978
YIQ	128.1820, 7.2810, 49.7850

Conversions

Conversions Part 2

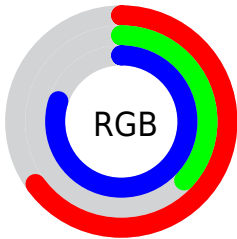
Format	Color
RYB	166, 94, 205
Decimal	10903245
CIELab	52.42, 48.32, -46.09
CIElCh	52, 66.780, 316.354
Yxy	20.5202, 0.2761, 0.1843
Android (android.graphics.Color)	4289093325 (0xFFA65ECD)
YUV	128.1820, 37.8713, 33.1664
Hunter-Lab	45.2992, 41.8880, -46.9497

Details

The Hex color **A65ECD** 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 **85CD5E**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **DF93FF**, and **6F2A96** is the 20% darker color. If you saturate the color by 10%, you get **9F49CD**, and if you desaturate by 10%, it is **AD73CD**.

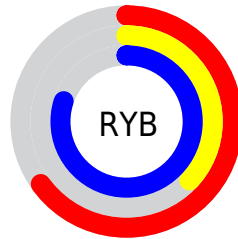
Distribution



Red (65%)

Green (37%)

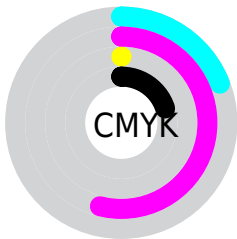
Blue (80%)



Red (65%)

Yellow (37%)

Blue (80%)

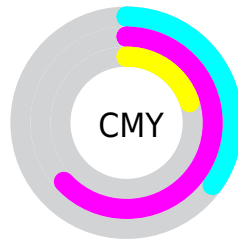


Cyan (19%)

Magenta (54%)

Yellow (0%)

Black (20%)



Cyan (35%)

Magenta (63%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color A65ECD 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 A65ECD by changing the saturation by 10% instead.

 A65ECD

 A65ECD

FFFFFF

 8A44B1

 DF93FF

 6F2A96

 FDAEFF

 540D7C

 FFCAFF

 3A0062

 FFE7FF

 21004A

 000032

 00021C

 000000

 A65ECD

 A65ECD

9F49CD

AD73CD

9835CD

B487CD

9020CD

BC9CCD

890CCD

C3B0CD

8500CD

CAC5CD

D1D9CD

D8EECD

E0FFCD

E7FFCD

Harmonies

Analogous

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



3579EC



A65ECD



D6429A

Triad

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



A65ECD



AC7100



00979C

Complementary

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



A65ECD



85CD5E

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.



009560



A65ECD



798400

Square

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



A65ECD



D1572A



2F8F24



0094CF

Rectangle

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



A65ECD



E13C73



2F8F24



009788

Sweetspot

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



A65ECD



F1D6FF



5E87CD



776780



000000



808080

Same Dimension

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



A65ECD



C559FF



CD5EBE



625C66



6C00A6



190026

Inverse Universe

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



CD5E85



FF5993



5ECD6D



665C5F



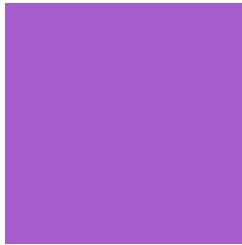
A6003A



26000D

Previews

White Background



This preview shows how the Hex color A65ECD looks on a white background.

Color Contrast Check

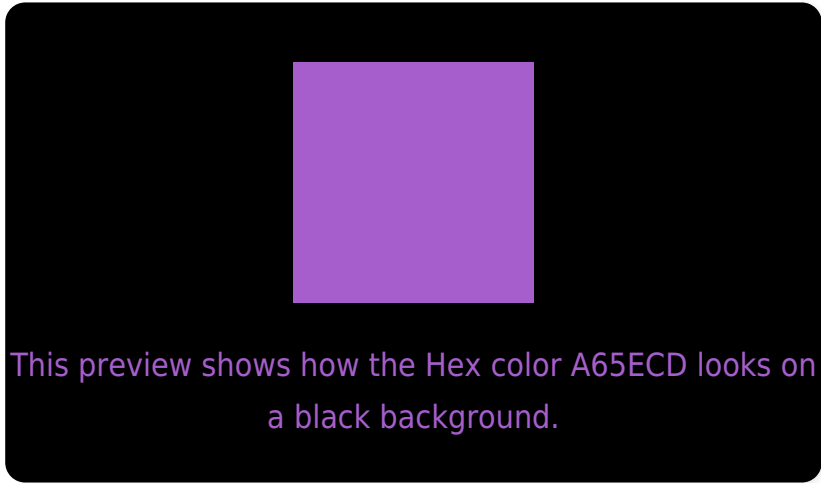
Large Text (above 18pt) WCAG AA ✓ Pass

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

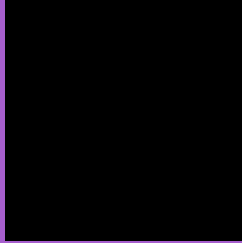
Any Text WCAG AA ✓ Pass

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 A65ECD Background



This preview shows how black text looks on a background with the Hex color A65ECD.

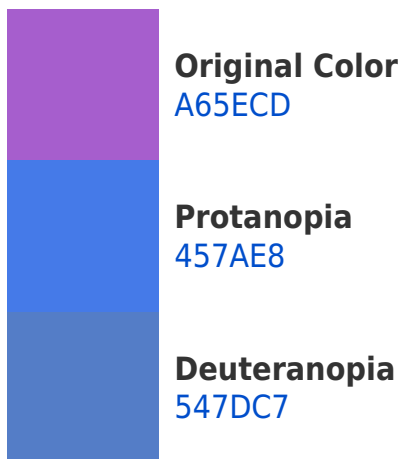



This preview shows how white text looks on a background with the Hex color A65ECD.

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](#).

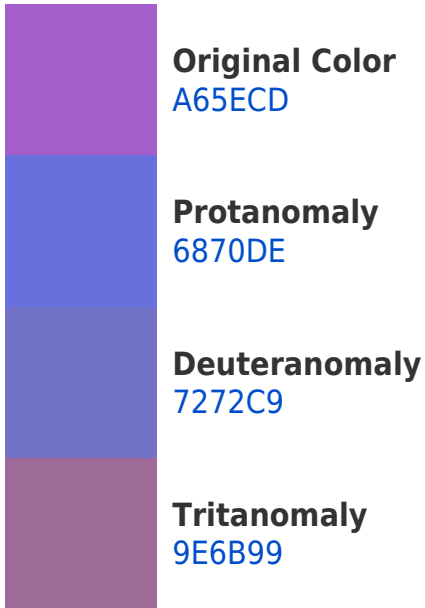
Dichromacy



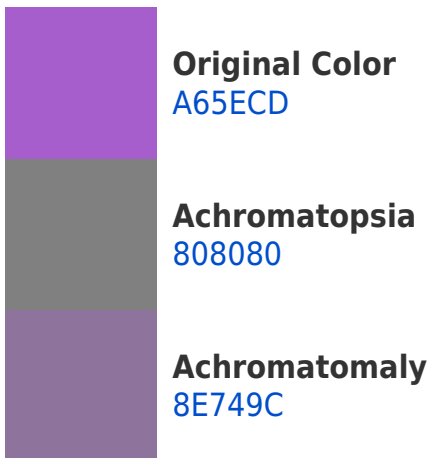


Tritanopia
99737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A65ECD 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 #A65ECD looks like.

```
.text, #text, p{  
    color:#A65ECD  
}
```

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 #A65ECD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A65ECD
}
```

Border

The CSS property to change the border of an element to Hex A65ECD 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
#A65ECD }
```

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

```
.border{ border-color:#A65ECD }
```

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

Here you see how a box with a 4 pixel #A65ECD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A65ECD; -webkit-box-shadow:4px 4px  
4px 4px #A65ECD; box-shadow:4px 4px 4px  
4px #A65ECD }
```

Background

The CSS property to change the background color of an element to Hex A65ECD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A65ECD }
```

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

```
.background{ background-color:#A65ECD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor