

Converting Colors

Hex(A65DDE)

Have a look what the booklet for
Hex(A65DDE) contains.

Hex(A65DDE)	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(A65DDE)

Conversions

Conversions Part 1

Format	Color
Hex	A65DDE
RGB	166, 93, 222
RGB Percent	65%, 36%, 87%
CMY	0.3490, 0.6353, 0.1294
CMYK	0.25, 0.58, 0.00, 0.13
HSL	274°, 66%, 62%
HSV	274°, 58%, 87%
XYZ	32.8251, 21.2096, 71.4710
YIQ	129.5330, 2.0990, 55.5950

Conversions

Conversions Part 2

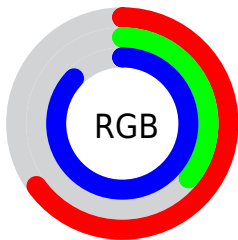
Format	Color
RYB	166, 93, 222
Decimal	10903006
CIELab	53.18, 52.62, -54.54
CIELCh	53, 75.786, 313.971
Yxy	21.2096, 0.2615, 0.1690
Android (android.graphics.Color)	4289093086 (0xFFA65DDE)
YUV	129.5330, 45.5862, 31.9816
Hunter-Lab	46.0539, 46.6321, -59.7744

Details

The Hex color **A65DDE** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **95DE5D**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **E092FF**, and **6E29A6** is the 20% darker color. If you saturate the color by 10%, you get **9C47DE**, and if you desaturate by 10%, it is **B073DE**.

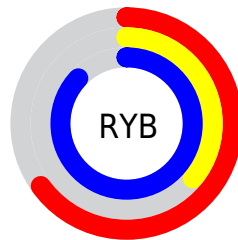
Distribution



Red (65%)

Green (36%)

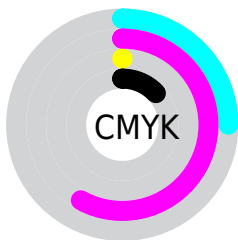
Blue (87%)



Red (65%)

Yellow (36%)

Blue (87%)

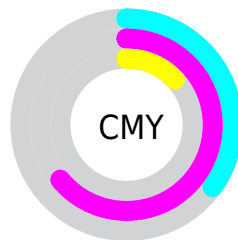


Cyan (25%)

Magenta (58%)

Yellow (0%)

Black (13%)



Cyan (35%)

Magenta (64%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color A65DDE 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 A65DDE by changing the saturation by 10% instead.

 A65DDE

 A65DDE

FFFFFF

 8A43C2

 E092FF

 6E29A6

 FEAEFF

 52088B

 FFCAFF

 360071

 FFE7FF

 190058

 00003F

 000328

 000112

 000000

 A65DDE

 A65DDE

 9C47DE

 B073DE

 9331DE

 B989DE

 891ADE

 C3A0DE

 7F04DE

 CDB6DE

 7E00DE

 D6CCDE

 E0E2DE

 E9F8DE

 F3FFDE

 FDFFDE

Harmonies

Analogous

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



007DFF



A65DDE



E036A5

Triad

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



A65DDE



B66F00



009B9D

Complementary

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



A65DDE



95DE5D

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.



009958



A65DDE



7E8600

Square

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



A65DDE



DF4E24



279307



0099D9

Rectangle

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



A65DDE



EF2879



279307



009B86

Sweetspot

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



A65DDE



ECD4FF



5D97DE



746680



000000



808080

Same Dimension

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



A65DDE



B24DFF



DE5DD8



6B6570



6400B0



1B0030

Inverse Universe

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



DE5D95



FF4D9A



5DDE63



70656A



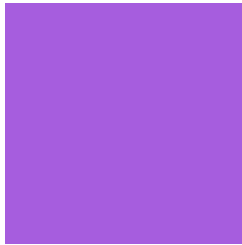
B0004C



300015

Previews

White Background



This preview shows how the Hex color A65DDE looks on a white background.

Color Contrast Check

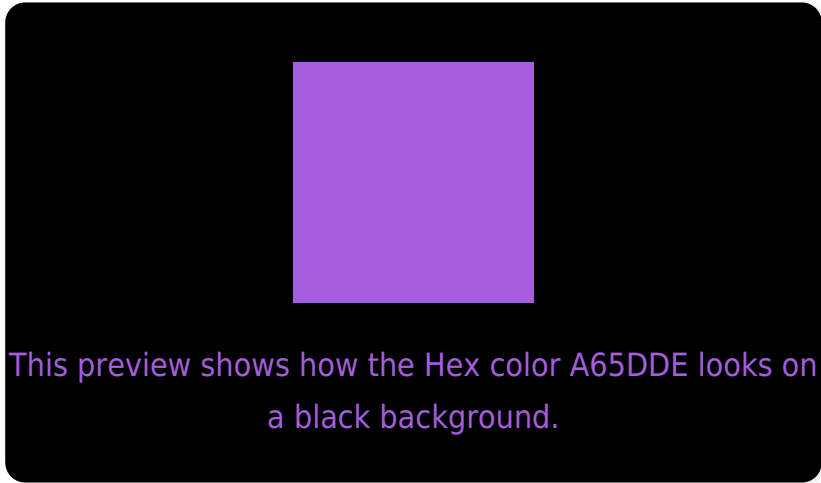
Large Text (above 18pt) WCAG AA ✓ Pass

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

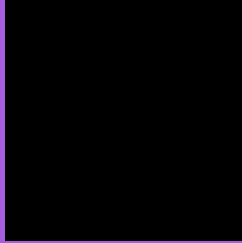
Any Text WCAG AA ✓ Pass

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 A65DDE Background



This preview shows how black text looks on a background with the Hex color A65DDE.

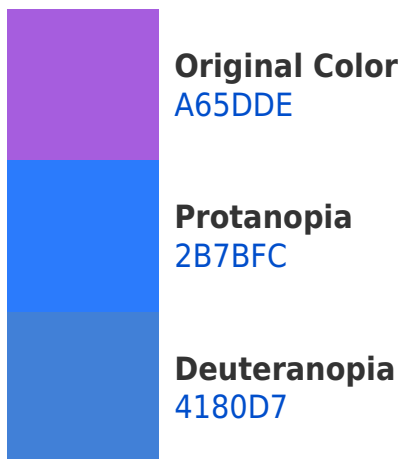


This preview shows how white text looks on a background with the Hex color A65DDE.

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](#).

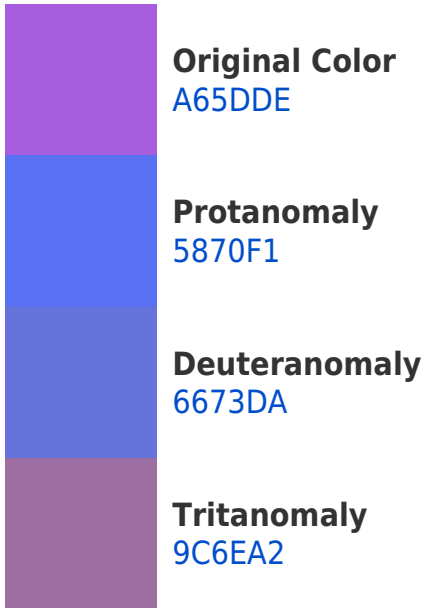
Dichromacy



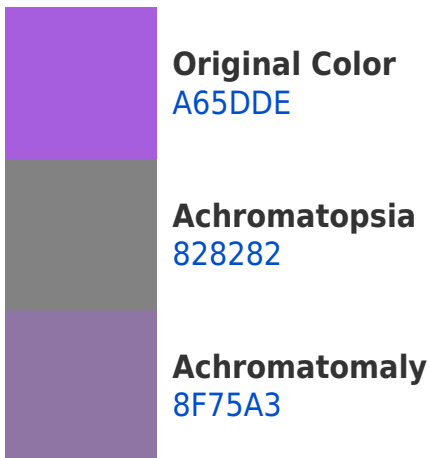


Tritanopia
967780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A65DDE 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 #A65DDE looks like.

```
.text, #text, p{  
    color:#A65DDE  
}
```

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 #A65DDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A65DDE
}
```

Border

The CSS property to change the border of an element to Hex A65DDE 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
#A65DDE }
```

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

```
.border{ border-color:#A65DDE }
```

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

Here you see how a box with a 4 pixel #A65DDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A65DDE; -webkit-box-shadow:4px 4px  
4px 4px #A65DDE; box-shadow:4px 4px 4px  
4px #A65DDE }
```

Background

The CSS property to change the background color of an element to Hex A65DDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A65DDE }
```

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

```
.background{ background-color:#A65DDE }
```

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