

# Converting Colors

Hex(A562DD)

Have a look what the booklet for  
Hex(A562DD) contains.

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# Color

Hex(A562DD)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A562DD
RGB	165, 98, 221
RGB Percent	65%, 38%, 87%
CMY	0.3529, 0.6157, 0.1333
CMYK	0.25, 0.56, 0.00, 0.13
HSL	273°, 64%, 63%
HSV	273°, 56%, 87%
XYZ	32.9359, 21.9552, 70.9085
YIQ	132.0550, 0.4490, 52.4570

# Conversions

## Conversions Part 2

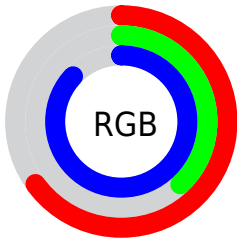
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 98, 221
Decimal	10838749
CIELab	53.98, 49.56, -52.70
CIELCh	54, 72.344, 313.239
Yxy	21.9552, 0.2618, 0.1745
Android (android.graphics.Color)	4289028829 (0xFFA562DD)
YUV	132.0550, 43.8499, 28.8928
Hunter-Lab	46.8563, 43.4712, -56.9251

# Details

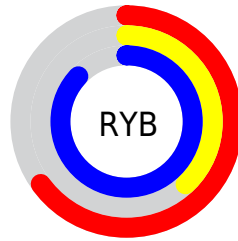
The Hex color **A562DD** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **9ADD62**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **DF97FF**, and **6D2FA5** is the 20% darker color. If you saturate the color by 10%, you get **9B4CDD**, and if you desaturate by 10%, it is **AF78DD**.

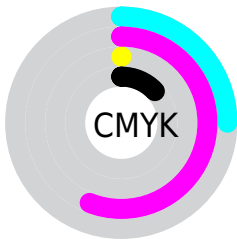
# Distribution



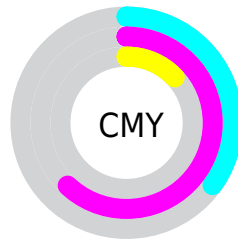
- Red (65%)
- Green (38%)
- Blue (87%)



- Red (65%)
- Yellow (38%)
- Blue (87%)



- Cyan (25%)
- Magenta (56%)
- Yellow (0%)
- Black (13%)



- Cyan (35%)
- Magenta (62%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A562DD 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 A562DD by changing the saturation by 10% instead.



 A562DD

 A562DD

FFFFFF

 8948C1

 DF97FF

 6D2FA5

 FCB3FF

 52138A

 FFCFFF

 360070

 FFE8FF

 190057

 00003F

 000328

 000111

 000000

 A562DD

 A562DD

 9B4CDD

 AF78DD

 9136DD

 B98EDD

 8720DD

 C3A4DD

 7D0ADD

 CDBADD

 7800DD

 D7D1DD

 E1E7DD

 EBFDDD

 F5FFDD

 FFFFDD

# Harmonies

## Analogous

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



007FFC



A562DD



DE40A7

# Triad

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



A562DD



B87100



009D9C

# Complementary

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



A562DD



9ADD62

# 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.



009A5B



A562DD



828700

# Square

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



A562DD



DF532D



359414



009BD6

# Rectangle

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



A562DD



EC357D



359414



009C86



# Sweetspot

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



A562DD



EBD4FF



629BDD



746680



000000



808080



# Same Dimension

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



A562DD



B154FF



DD62D9



69636E



5E00AD



19002E



# Inverse Universe

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



DD629A



FF54A2



62DD66



6E6368



AD004F



2E0015



# Previews

## White Background



This preview shows how the Hex color A562DD looks on a white background.

## Color Contrast Check

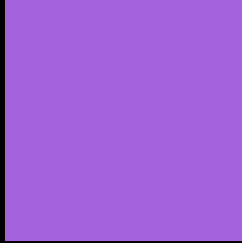
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color A562DD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

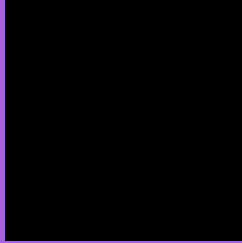
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A562DD Background



This preview shows how black text looks on a background with the Hex color A562DD.

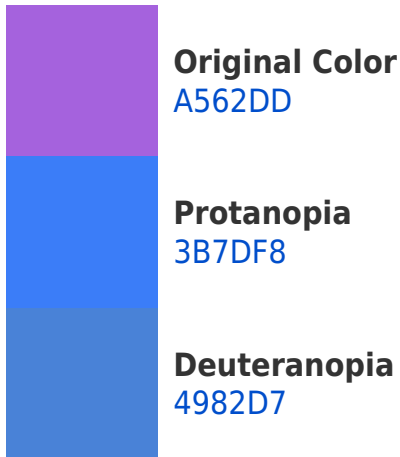



This preview shows how white text looks on a background with the Hex color A562DD.

# 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](#).

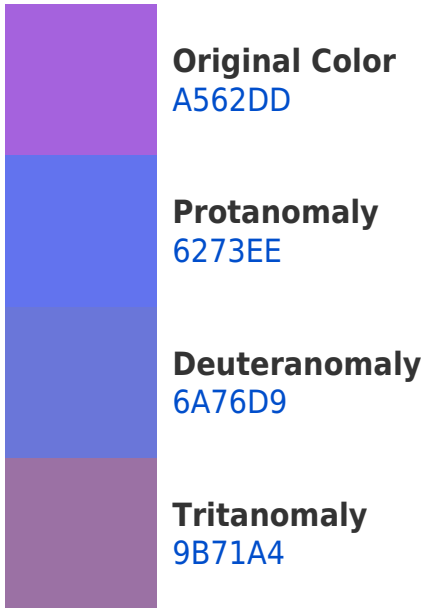
## Dichromacy



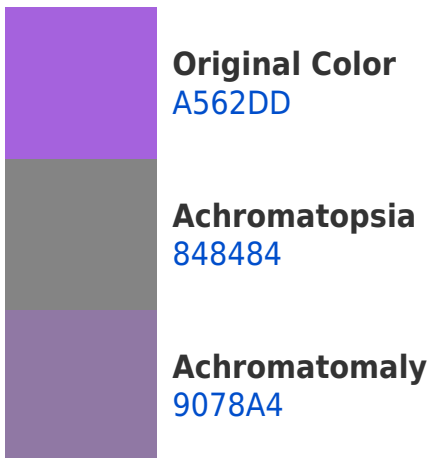


**Tritanopia**  
957A83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A562DD 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 #A562DD looks like.

```
.text, #text, p{  
    color:#A562DD  
}
```

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 #A562DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A562DD
}
```

## Border

The CSS property to change the border of an element to Hex A562DD 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
#A562DD }
```

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

```
.border{ border-color:#A562DD }
```

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

Here you see how a box with a 4 pixel #A562DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A562DD; -webkit-box-shadow:4px 4px  
4px 4px #A562DD; box-shadow:4px 4px 4px  
4px #A562DD }
```

# Background

The CSS property to change the background color of an element to Hex A562DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A562DD }
```

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

```
.background{ background-color:#A562DD }
```

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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