

# Converting Colors

Hex(A627D2)

Have a look what the booklet for  
Hex(A627D2) contains.

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**Color**

**Hex(A627D2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A627D2
RGB	166, 39, 210
RGB Percent	65%, 15%, 82%
CMY	0.3490, 0.8471, 0.1765
CMYK	0.21, 0.81, 0.00, 0.18
HSL	285°, 69%, 49%
HSV	285°, 81%, 82%
XYZ	28.0843, 14.2112, 62.2356
YIQ	96.4670, 20.8010, 80.1050

# Conversions

## Conversions Part 2

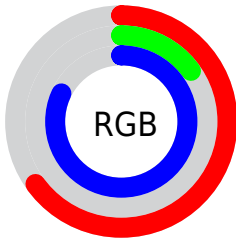
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 39, 210
Decimal	10889170
CIE <sub>Lab</sub>	44.53, 72.10, -61.61
CIE <sub>LCh</sub>	45, 94.840, 319.486
Yxy	14.2112, 0.2687, 0.1360
Android (android.graphics.Color)	4289079250 (0xFFA627D2)
YUV	96.4670, 55.9718, 60.9804
Hunter-Lab	37.6977, 67.0090, -71.4942

# Details

The Hex color **A627D2** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **53D227**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **E165FF**, and **6C009A** is the 20% darker color. If you saturate the color by 10%, you get **A112D2**, and if you desaturate by 10%, it is **AB3CD2**.

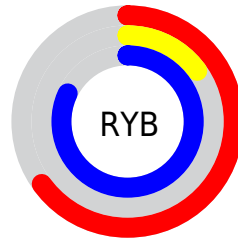
# Distribution



Red (65%)

Green (15%)

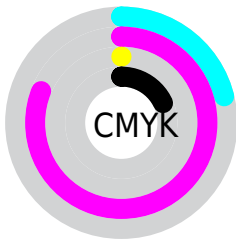
Blue (82%)



Red (65%)

Yellow (15%)

Blue (82%)

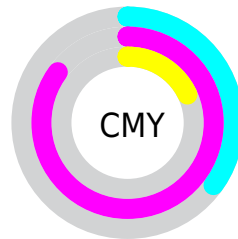


Cyan (21%)

Magenta (81%)

Yellow (0%)

Black (18%)



Cyan (35%)

Magenta (85%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A627D2 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 A627D2 by changing the saturation by 10% instead.



 A627D2

 A627D2

FFFFFF

 8900B6

 E165FF

 6C009A


 FF82FF

 4F0080

 FF9EFF

 320066

 FFBBFF

 11004D

 FFD8FF

 000035

 FFF6FF

 00021F

 000001

 000000

 A627D2

 A627D2

 A112D2

 AB3CD2

 9C00D2

 B151D2

 B666D2

 BC7BD2

 C190D2

 C6A5D2

 CCBAD2

 D1CFD2

 D7E4D2

# Harmonies

## Analogous

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



0062FF



A627D2



E10089

# Triad

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



A627D2



985C00



00879D

# Complementary

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



A627D2



53D227

# 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.



00854A



A627D2



4F7500

# Square

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



A627D2



CC2600



008000



0086E3

# Rectangle

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



A627D2



EB0055



008000



008782



# Sweetspot

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



A627D2



EFC2FF



2755D2



765B80



000000



808080



# Same Dimension

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



A627D2



BF05FF



D227AA



665E69



7D00A8



1E0029



# Inverse Universe

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



D22753



FF0545



27D24F



695E61



A8002B



29000A



# Previews

## White Background



This preview shows how the Hex color A627D2 looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

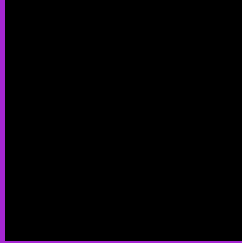
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A627D2 Background



This preview shows how black text looks on a background with the Hex color A627D2.

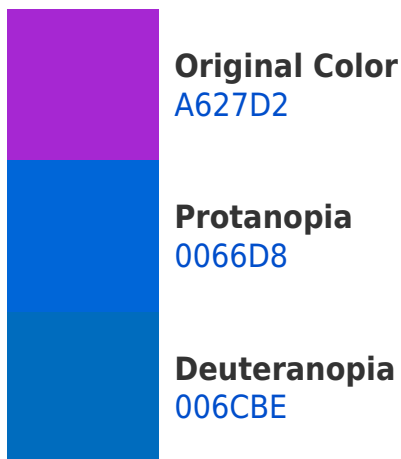



This preview shows how white text looks on a background with the Hex color A627D2.

# 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](#).

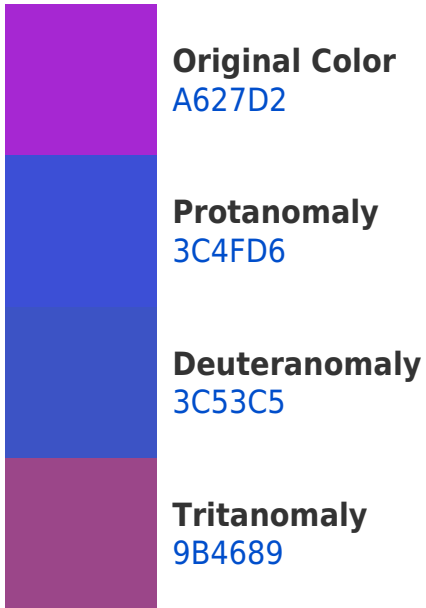
## Dichromacy



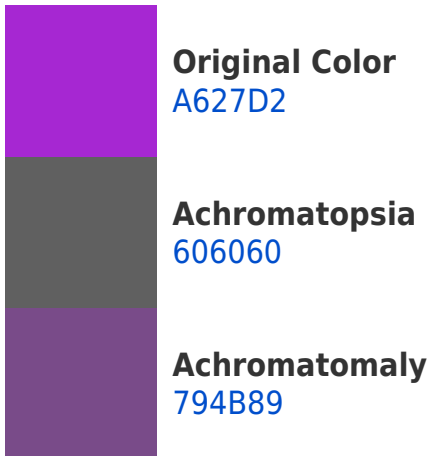


**Tritanopia**  
95585F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A627D2 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 #A627D2 looks like.

```
.text, #text, p{  
    color:#A627D2  
}
```

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 #A627D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A627D2
}
```

## Border

The CSS property to change the border of an element to Hex A627D2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

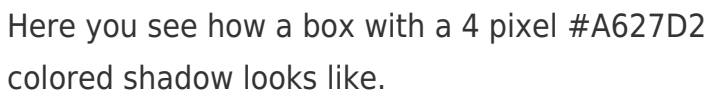
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A627D2 }
```

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

```
.border{ border-color:#A627D2 }
```

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



Here you see how a box with a 4 pixel `#A627D2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A627D2; -webkit-box-shadow:4px 4px  
4px 4px #A627D2; box-shadow:4px 4px 4px  
4px #A627D2 }
```

# Background

The CSS property to change the background color of an element to Hex A627D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A627D2 }
```

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

```
.background{ background-color:#A627D2 }
```

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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