

Converting Colors

Hex(A247D6)

Have a look what the booklet for
Hex(A247D6) contains.

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Color

Hex(A247D6)

Conversions

Conversions Part 1

Format	Color
Hex	A247D6
RGB	162, 71, 214
RGB Percent	64%, 28%, 84%
CMY	0.3647, 0.7216, 0.1608
CMYK	0.24, 0.67, 0.00, 0.16
HSL	278°, 64%, 56%
HSV	278°, 67%, 84%
XYZ	29.2911, 17.0429, 65.3641
YIQ	114.5110, 8.3330, 63.7650

Conversions

Conversions Part 2

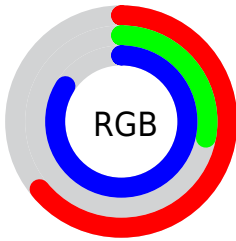
Format	Color
RYB	162, 71, 214
Decimal	10635222
CIELab	48.31, 60.51, -57.83
CIELCh	48, 83.703, 316.299
Yxy	17.0429, 0.2622, 0.1526
Android (android.graphics.Color)	4288825302 (0xFFA247D6)
YUV	114.5110, 49.0481, 41.6479
Hunter-Lab	41.2830, 54.4039, -64.9767

Details

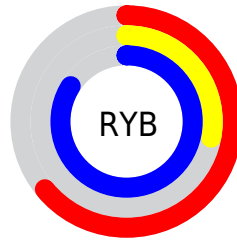
The Hex color **A247D6** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **7BD647**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **DC7DFF**, and **69039E** is the 20% darker color. If you saturate the color by 10%, you get **9A32D6**, and if you desaturate by 10%, it is **AA5CD6**.

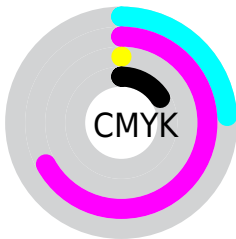
Distribution



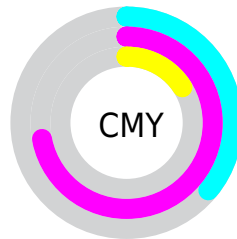
- Red (64%)
- Green (28%)
- Blue (84%)



- Red (64%)
- Yellow (28%)
- Blue (84%)



- Cyan (24%)
- Magenta (67%)
- Yellow (0%)
- Black (16%)



- Cyan (36%)
- Magenta (72%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color A247D6 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 A247D6 by changing the saturation by 10% instead.

 A247D6

 A247D6

FFFFFF

 862BBA

 DC7DFF

 69039E

 FA99FF

 4D0084

 FFB5FF

 30006A

 FFD2FF

 140051

 FFEFFF

 000038

 000222

 000008

 000000

 A247D6

 A247D6

 9A32D6

 AA5CD6

 921CD6

 B272D6

 8B07D6

 B987D6

 8800D6

 C19DD6

 C9B2D6

 D1C7D6

 D8DDD6

 E0F2D6

 E8FFD6

Harmonies

Analogous

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



006FFD



A247D6



DD0096

Triad

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



A247D6



A66400



009099

Complementary

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



A247D6



7BD647

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.



008E4E



A247D6



687B00

Square

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



A247D6



D43B00



008800



008ED9

Rectangle

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



A247D6



EA0067



008800



008F80

Sweetspot

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



A247D6



ECCCCF



477BD6



746180



000000



808080

Same Dimension

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



A247D6



B533FF



D647C3



67606B



6D00AB



1C002B

Inverse Universe

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



D6477B



FF337D



47D65A



6B6064



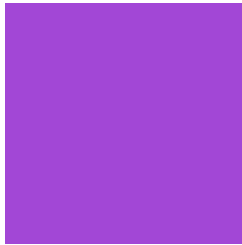
AB003E



2B0010

Previews

White Background



This preview shows how the Hex color A247D6 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

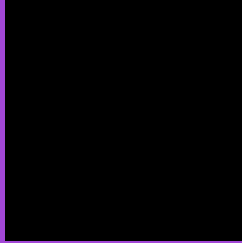
Any Text WCAG AA × Fail

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 A247D6 Background



This preview shows how black text looks on a background with the Hex color A247D6.

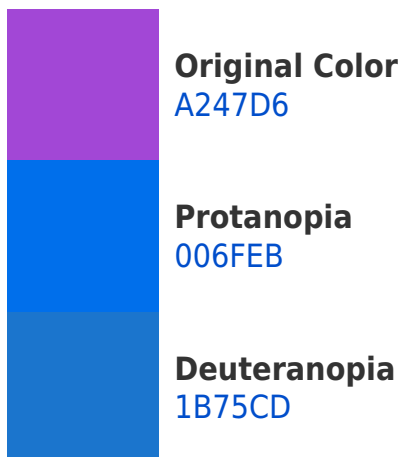



This preview shows how white text looks on a background with the Hex color A247D6.

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](#).

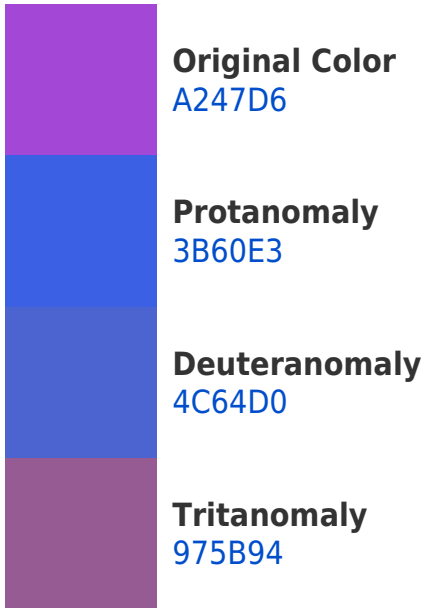
Dichromacy



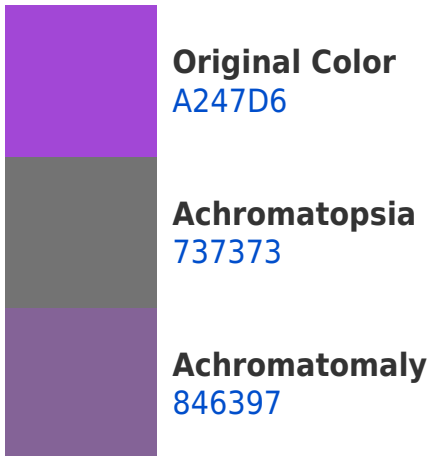


Tritanopia
91676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A247D6 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 #A247D6 looks like.

```
.text, #text, p{  
    color:#A247D6  
}
```

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 #A247D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A247D6
}
```

Border

The CSS property to change the border of an element to Hex A247D6 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
#A247D6 }
```

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

```
.border{ border-color:#A247D6 }
```

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

Here you see how a box with a 4 pixel #A247D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A247D6; -webkit-box-shadow:4px 4px  
4px 4px #A247D6; box-shadow:4px 4px 4px  
4px #A247D6 }
```

Background

The CSS property to change the background color of an element to Hex A247D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A247D6 }
```

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

```
.background{ background-color:#A247D6 }
```

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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