

Converting Colors

Hex(A587DA)

Have a look what the booklet for
Hex(A587DA) contains.

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Color

Hex(A587DA)

Conversions

Conversions Part 1

Format	Color
Hex	A587DA
RGB	165, 135, 218
RGB Percent	65%, 53%, 85%
CMY	0.3529, 0.4706, 0.1451
CMYK	0.24, 0.38, 0.00, 0.15
HSL	262°, 53%, 69%
HSV	262°, 38%, 85%
XYZ	36.8359, 30.3892, 70.2539
YIQ	153.4320, -8.7630, 32.1730

Conversions

Conversions Part 2

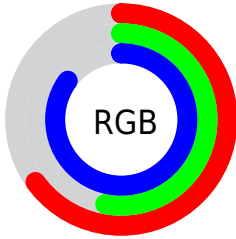
Format	Color
R_{YB}	165, 135, 218
Decimal	10848218
CIE _{Lab}	61.99, 28.38, -38.36
CIE _{LCh}	62, 47.719, 306.500
Yxy	30.3892, 0.2679, 0.2210
Android (android.graphics.Color)	4289038298 (0xFFA587DA)
YUV	153.4320, 31.8320, 10.1451
Hunter-Lab	55.1264, 22.8038, -36.9715

Details

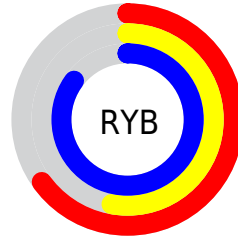
The Hex color **A587DA** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **BCDA87**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **DDBDFF**, and **6F55A3** is the 20% darker color. If you saturate the color by 10%, you get **9771DA**, and if you desaturate by 10%, it is **B39DDA**.

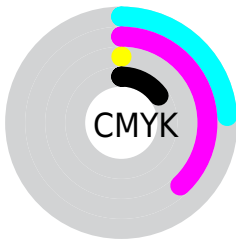
Distribution



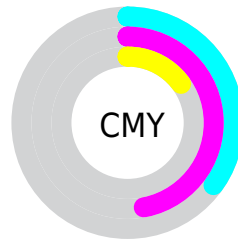
- Red (65%)
- Green (53%)
- Blue (85%)



- Red (65%)
- Yellow (53%)
- Blue (85%)



- Cyan (24%)
- Magenta (38%)
- Yellow (0%)
- Black (15%)



- Cyan (35%)
- Magenta (47%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color A587DA 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 A587DA by changing the saturation by 10% instead.

 A587DA

 A587DA

FFFFFF

 8A6DBE

 DDBDFF

 6F55A3

 FAD8FF

 553D88

 FFF5FF

 3C276E

 221156

 0B003E

 000327

 000111

 000000

 A587DA

 A587DA

 9771DA

 B39DDA

 895BDA

 C1B3DA

 7B46DA

 CFC8DA

 6D30DA

 DDEEDA

 5F1ADA

 EBF4DA

 5104DA

 F9FFDA

 4F00DA

 FFFFDA

Harmonies

Analogous

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



5C97EA



A587DA



D178B8

Triad

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



A587DA



C98748



00AB9E

Complementary

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



A587DA



BCDA87

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.



3CA973



A587DA



A6963E

Square

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



A587DA



E07966



79A24F



00AAC7

Rectangle

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



A587DA



E1729D



79A24F



00AB8F

Sweetspot

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



A587DA



EDE3FF



87BDDB



756F80



000000



808080

Same Dimension

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



A587DA



B48AFF



CE87DA



67636E



3F00AD



11002E

Inverse Universe

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



DA87BC



FF8AD5



93DA87



6E636A



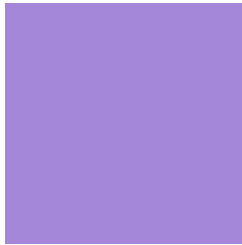
AD006F



2E001D

Previews

White Background



This preview shows how the Hex color A587DA looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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

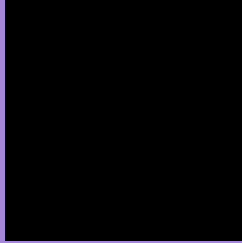
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex A587DA Background



This preview shows how black text looks on a background with the Hex color A587DA.

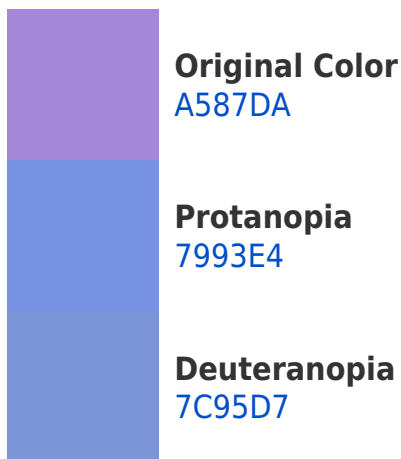



This preview shows how white text looks on a background with the Hex color A587DA.

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
9A939F

Trichromacy



Original Color
A587DA

Protanomaly
898FE0

Deuteranomaly
8B90D8

Tritanomaly
9E8FB4

Monochromacy



Original Color
A587DA

Achromatopsia
999999

Achromatomaly
9D92B1

CSS Examples

Text

The CSS property to change the color of the text to Hex A587DA 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 #A587DA looks like.

```
.text, #text, p{  
    color:#A587DA  
}
```

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 #A587DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A587DA
}
```

Border

The CSS property to change the border of an element to Hex A587DA is called "border". The border property can be set on classes, ids or directly on the HTML element.

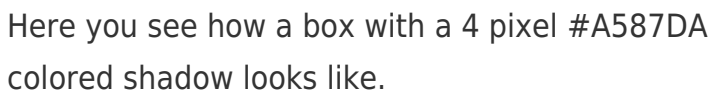
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A587DA }
```

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

```
.border{ border-color:#A587DA }
```

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



Here you see how a box with a 4 pixel #A587DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A587DA; -webkit-box-shadow:4px 4px  
4px 4px #A587DA; box-shadow:4px 4px 4px  
4px #A587DA }
```

Background

The CSS property to change the background color of an element to Hex A587DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A587DA }
```

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

```
.background{ background-color:#A587DA }
```

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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