

Converting Colors

Hex(A587CA)

Have a look what the booklet for
Hex(A587CA) contains.

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Color

Hex(A587CA)

Conversions

Conversions Part 1

Format	Color
Hex	A587CA
RGB	165, 135, 202
RGB Percent	65%, 53%, 79%
CMY	0.3529, 0.4706, 0.2078
CMYK	0.18, 0.33, 0.00, 0.21
HSL	267°, 39%, 66%
HSV	267°, 33%, 79%
XYZ	34.8417, 29.5915, 59.7525
YIQ	151.6080, -3.6270, 27.1970

Conversions

Conversions Part 2

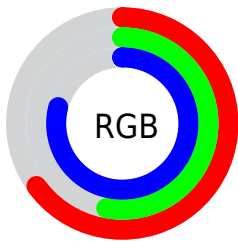
Format	Color
RYB	165, 135, 202
Decimal	10848202
CIELab	61.30, 24.65, -30.47
CIELCh	61, 39.190, 308.977
Yxy	29.5915, 0.2806, 0.2383
Android (android.graphics.Color)	4289038282 (0xFFA587CA)
YUV	151.6080, 24.8433, 11.7448
Hunter-Lab	54.3981, 19.1316, -27.0472

Details

The Hex color **A587CA** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **ACCA87**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **DDBDFF**, and **705594** is the 20% darker color. If you saturate the color by 10%, you get **9A73CA**, and if you desaturate by 10%, it is **B09BCA**.

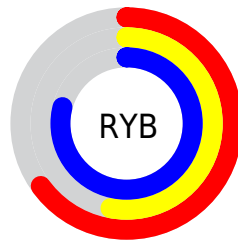
Distribution



Red (65%)

Green (53%)

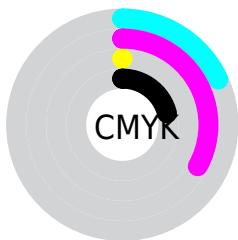
Blue (79%)



Red (65%)

Yellow (53%)

Blue (79%)

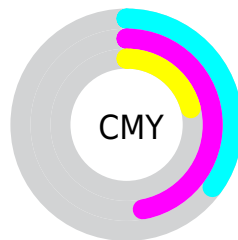


Cyan (18%)

Magenta (33%)

Yellow (0%)

Black (21%)



Cyan (35%)

Magenta (47%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color A587CA 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 A587CA by changing the saturation by 10% instead.

 A587CA

 A587CA

FFFFFF

 8A6DAE

 DDBDFF

 705594

 FAD8FF

 573D7A

 FFF5FF

 3E2761

 261248

 140032

 00011C

 000000

 A587CA

 A587CA

 9A73CA

 B09BCA

 8F5FCA

 BBAFCA

 844ACA

 C6C4CA

 7836CA

 D2D8CA

 6D22CA

 DDECCA

 620ECA

 E8FFCA

 5A00CA

 F3FFCA

 FEFFCA

 FFFFCA

Harmonies

Analogous

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



7094D8



A587CA



C77CAE

Triad

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



A587CA



BE8953



00A69E

Complementary

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



A587CA



ACCA87

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.



4CA47A



A587CA



A0954E

Square

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



A587CA



D27E6A



7A9F5D



00A4BF

Rectangle

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



A587CA



D37897



7A9F5D



1EA692

Sweetspot

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



A587CA



F1E6FF



87ADCA



777080



000000



808080

Same Dimension

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



A587CA



C799FF



C687CA



605C66



4A00A6



110026

Inverse Universe

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



CA87AC



FF99D1



8BCA87



665C61



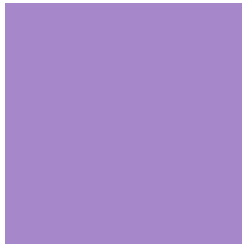
A6005C



260015

Previews

White Background



This preview shows how the Hex color A587CA 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

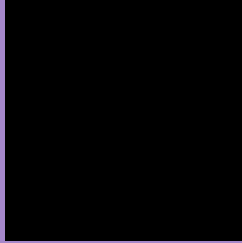
Any Text WCAG AA ✓ Pass

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 A587CA Background



This preview shows how black text looks on a background with the Hex color A587CA.

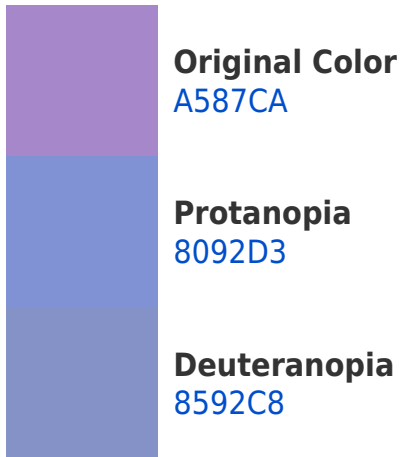


This preview shows how white text looks on a background with the Hex color A587CA.

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
9D909C

Trichromacy



Original Color
A587CA

Protanomaly
8D8ED0

Deuteranomaly
918EC9

Tritanomaly
A08DAD

Monochromacy



Original Color
A587CA

Achromatopsia
989898

Achromatomaly
9D92AA

CSS Examples

Text

The CSS property to change the color of the text to Hex A587CA 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 #A587CA looks like.

```
.text, #text, p{  
    color:#A587CA  
}
```

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 #A587CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A587CA
}
```

Border

The CSS property to change the border of an element to Hex A587CA 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
#A587CA }
```

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

```
.border{ border-color:#A587CA }
```

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

Here you see how a box with a 4 pixel #A587CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A587CA; -webkit-box-shadow:4px 4px  
4px 4px #A587CA; box-shadow:4px 4px 4px  
4px #A587CA }
```

Background

The CSS property to change the background color of an element to Hex A587CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A587CA }
```

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

```
.background{ background-color:#A587CA }
```

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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