

Converting Colors

Hex(A587D7)

Have a look what the booklet for
Hex(A587D7) contains.

Hex(A587D7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A587D7)

Conversions

Conversions Part 1

Format	Color
Hex	A587D7
RGB	165, 135, 215
RGB Percent	65%, 53%, 84%
CMY	0.3529, 0.4706, 0.1569
CMYK	0.23, 0.37, 0.00, 0.16
HSL	262°, 50%, 69%
HSV	262°, 37%, 84%
XYZ	36.4468, 30.2336, 68.2047
YIQ	153.0900, -7.8000, 31.2400

Conversions

Conversions Part 2

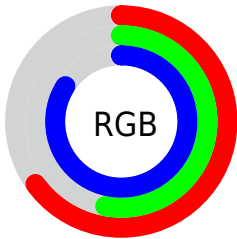
Format	Color
RYB	165, 135, 215
Decimal	10848215
CIELab	61.86, 27.67, -36.89
CIELCh	62, 46.116, 306.872
Yxy	30.2336, 0.2702, 0.2241
Android (android.graphics.Color)	4289038295 (0xFFA587D7)
YUV	153.0900, 30.5216, 10.4451
Hunter-Lab	54.9851, 22.0946, -35.0551

Details

The Hex color **A587D7** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **B9D787**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **DDBDFF**, and **6F55A0** is the 20% darker color. If you saturate the color by 10%, you get **9871D7**, and if you desaturate by 10%, it is **B29DD7**.

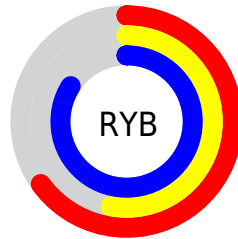
Distribution



Red (65%)

Green (53%)

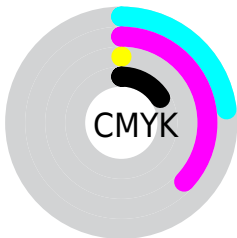
Blue (84%)



Red (65%)

Yellow (53%)

Blue (84%)

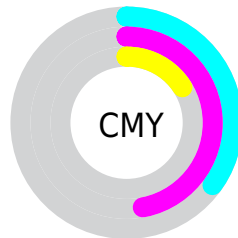


Cyan (23%)

Magenta (37%)

Yellow (0%)

Black (16%)



Cyan (35%)

Magenta (47%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color A587D7 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 A587D7 by changing the saturation by 10% instead.

 A587D7

 A587D7

FFFFFF

 8A6DBB

 DDBDFF

 6F55A0

 FAD8FF

 563D85

 FFF5FF

 3C276C

 231153

 0D003C

 000225

 00010D

 000000

 A587D7

 A587D7

 9871D7

 B29DD7

 8A5CD7

 C0B2D7

 7D46D7

 CDC8D7

 6F31D7

 DBDDD7

 621BD7

 E8F3D7

 5406D7

 F6FFD7

 5100D7

 FFFF7

Harmonies

Analogous

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



6097E6



A587D7



CF78B6

Triad

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



A587D7



C7884A



00AA9E

Complementary

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



A587D7



B9D787

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.



3FA874



A587D7



A59641

Square

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



A587D7



DD7A67



79A152



00A9C5

Rectangle

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



A587D7



DE739B



79A152



00AA90

Sweetspot

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



A587D7



EDE3FF



87BAD7



756F80



000000



808080

Same Dimension

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



A587D7



B78CFF



CC87D7



64606B



4000AB



10002B

Inverse Universe

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



D787B9



FF8CD4



92D787



6B6067



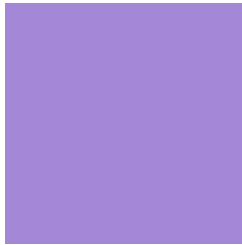
AB006B



2B001B

Previews

White Background



This preview shows how the Hex color A587D7 looks on a white background.

Color Contrast Check

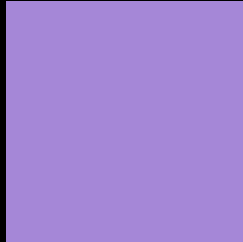
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color A587D7 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 ✓ Pass

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

Hex A587D7 Background



This preview shows how black text looks on a background with the Hex color A587D7.

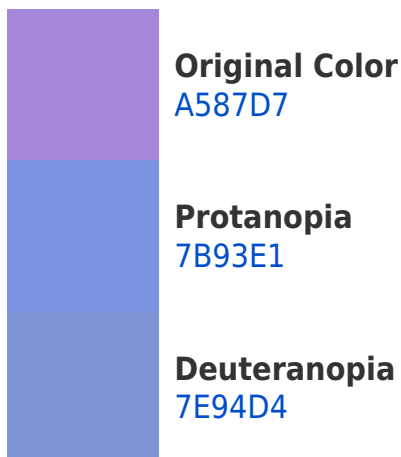



This preview shows how white text looks on a background with the Hex color A587D7.

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
9B939E

Trichromacy



Original Color
A587D7

Protanomaly
8A8FDD

Deuteranomaly
8C8FD5

Tritanomaly
9F8FB3

Monochromacy



Original Color
A587D7

Achromatopsia
999999

Achromatomaly
9D92B0

CSS Examples

Text

The CSS property to change the color of the text to Hex A587D7 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 #A587D7 looks like.

```
.text, #text, p{  
    color:#A587D7  
}
```

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 #A587D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A587D7
}
```

Border

The CSS property to change the border of an element to Hex A587D7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

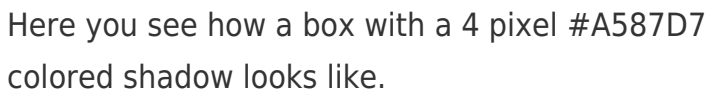
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A587D7 }
```

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

```
.border{ border-color:#A587D7 }
```

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



Here you see how a box with a 4 pixel `#A587D7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A587D7; -webkit-box-shadow:4px 4px  
4px 4px #A587D7; box-shadow:4px 4px 4px  
4px #A587D7 }
```

Background

The CSS property to change the background color of an element to Hex A587D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A587D7 }
```

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

```
.background{ background-color:#A587D7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor