

Converting Colors

Hex(A587A8)

Have a look what the booklet for
Hex(A587A8) contains.

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Color

Hex(A587A8)

Conversions

Conversions Part 1

Format	Color
Hex	A587A8
RGB	165, 135, 168
RGB Percent	65%, 53%, 66%
CMY	0.3529, 0.4706, 0.3412
CMYK	0.02, 0.20, 0.00, 0.34
HSL	295°, 16%, 59%
HSV	295°, 20%, 66%
XYZ	31.2489, 28.1544, 40.8331
YIQ	147.7320, 7.2870, 16.6230

Conversions

Conversions Part 2

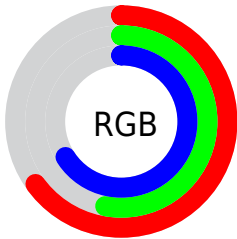
Format	Color
RYB	165, 135, 168
Decimal	10848168
CIELab	60.03, 17.39, -13.14
CIELCh	60, 21.795, 322.908
Yxy	28.1544, 0.3118, 0.2809
Android (android.graphics.Color)	4289038248 (0xFFA587A8)
YUV	147.7320, 9.9921, 15.1440
Hunter-Lab	53.0607, 12.2671, -8.4844

Details

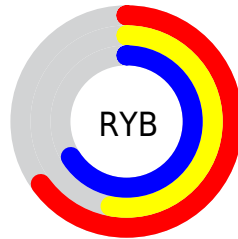
The Hex color **A587A8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8AA887**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **DCBCDF**, and **715574** is the 20% darker color. If you saturate the color by 10%, you get **A376A8**, and if you desaturate by 10%, it is **A798A8**.

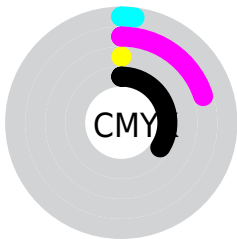
Distribution



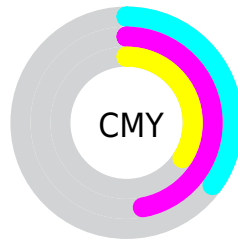
- Red (65%)
- Green (53%)
- Blue (66%)



- Red (65%)
- Yellow (53%)
- Blue (66%)



- Cyan (2%)
- Magenta (20%)
- Yellow (0%)
- Black (34%)



- Cyan (35%)
- Magenta (47%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color A587A8 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 A587A8 by changing the saturation by 10% instead.



A587A8



A587A8

FFFFFF



8B6E8E



DCBCDF



715574



F9D8FC



583E5B



FFF5FF



402744



2A122D



180019



000000



A587A8



A587A8



A376A8



A798A8

 A265A8

 A8A9A8

 A055A8

 AAB9A8

 9F44A8

 ABCAA8

 9D33A8

 ADDBA8

 9C22A8

 AEECA8

 9A11A8

 B0FDA8

 9901A8

 B1FFA8

 9900A8

 B3FFA8

Harmonies

Analogous

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



8E8DB4



A587A8



B48396

Triad

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



A587A8



A38E6B



599B9F

Complementary

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



A587A8



8AA887

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.



659B8B



A587A8



8F946D

Square

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



A587A8



B28873



799979



5E99AF

Rectangle

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



A587A8



B88389



799979



5C9C98

Sweetspot

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



A587A8



DACEDB



878AA8



6D666E



EDEDED



6E6E6E

Same Dimension

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



A587A8



D7A7DB



A8879B



534C54



860094



130014

Inverse Universe

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



A8878A



DBA7AB



87A894



544C4D



94000D



140002

Previews

White Background



This preview shows how the Hex color A587A8 looks on a white background.

Color Contrast Check

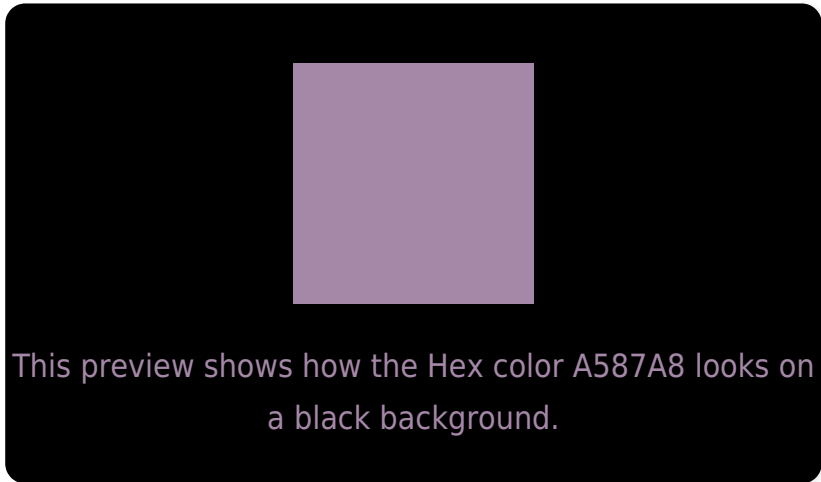
Large Text (above 18pt) WCAG AA ✓ Pass

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

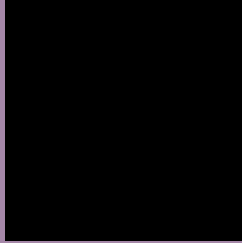
Any Text WCAG AA ✓ Pass

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 A587A8 Background



This preview shows how black text looks on a background with the Hex color A587A8.

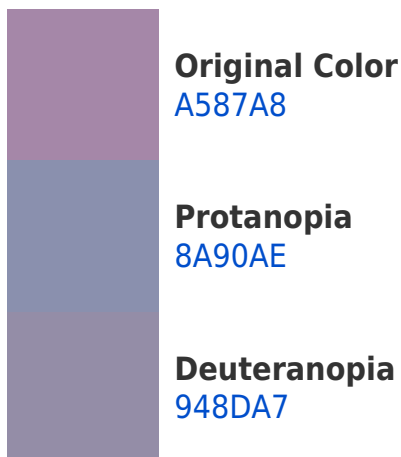


This preview shows how white text looks on a background with the Hex color A587A8.

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
A28A95

Trichromacy



Original Color
A587A8

Protanomaly
948DAC

Deuteranomaly
9A8BA7

Tritanomaly
A3899C

Monochromacy



Original Color
A587A8

Achromatopsia
949494

Achromatomaly
9A8F9B

CSS Examples

Text

The CSS property to change the color of the text to Hex A587A8 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 #A587A8 looks like.

```
.text, #text, p{  
    color:#A587A8  
}
```

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 #A587A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A587A8
}
```

Border

The CSS property to change the border of an element to Hex A587A8 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
#A587A8 }
```

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

```
.border{ border-color:#A587A8 }
```

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

Here you see how a box with a 4 pixel #A587A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A587A8; -webkit-box-shadow:4px 4px  
4px 4px #A587A8; box-shadow:4px 4px 4px  
4px #A587A8 }
```

Background

The CSS property to change the background color of an element to Hex A587A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A587A8 }
```

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

```
.background{ background-color:#A587A8 }
```

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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