

Converting Colors

Hex(A457AE)

Have a look what the booklet for
Hex(A457AE) contains.

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Color

Hex(A457AE)

Conversions

Conversions Part 1

Format	Color
Hex	A457AE
RGB	164, 87, 174
RGB Percent	64%, 34%, 68%
CMY	0.3569, 0.6588, 0.3176
CMYK	0.06, 0.50, 0.00, 0.32
HSL	293°, 35%, 51%
HSV	293°, 50%, 68%
XYZ	26.3580, 17.7649, 42.0841
YIQ	119.9410, 17.9650, 43.3810

Conversions

Conversions Part 2

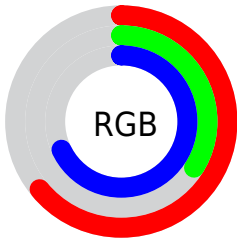
Format	Color
RYB	164, 87, 174
Decimal	10770350
CIELab	49.21, 44.98, -33.25
CIELCh	49, 55.940, 323.524
Yxy	17.7649, 0.3058, 0.2061
Android (android.graphics.Color)	4288960430 (0xFFA457AE)
YUV	119.9410, 26.6511, 38.6397
Hunter-Lab	42.1484, 37.8674, -29.6957

Details

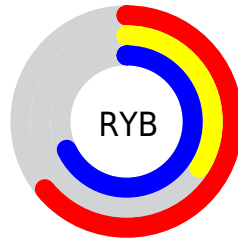
The Hex color **A457AE** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **61AE57**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **DD8CE6**, and **6E2379** is the 20% darker color. If you saturate the color by 10%, you get **A246AE**, and if you desaturate by 10%, it is **A668AE**.

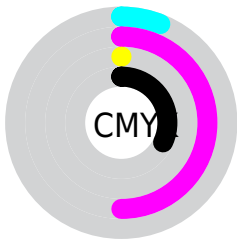
Distribution



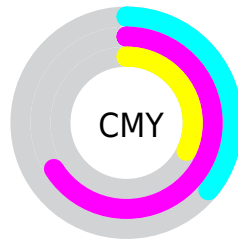
- Red (64%)
- Green (34%)
- Blue (68%)



- Red (64%)
- Yellow (34%)
- Blue (68%)



- Cyan (6%)
- Magenta (50%)
- Yellow (0%)
- Black (32%)




- Cyan (36%)
- Magenta (66%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color A457AE 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 A457AE by changing the saturation by 10% instead.

 A457AE

 A457AE

FFFFFF

 893D93

 DD8CE6

 6E2379

 FAA7FF

 540360

 FFC3FF

 3A0048

 FFDFFF

 260031

 FFFCFF

 00011B

 000000

 A457AE

 A457AE

 A246AE

 A668AE

 A034AE

 A87AAE

 9E23AE

 AA8BAE

 9C11AE

 AC9DAE

 9A00AE

 AEAEAE

 B0BFAE

 B2D1AE

 B4E2AE

 B6F4AE

Harmonies

Analogous

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



606DCC



A457AE



C44681

Triad

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



A457AE



956F01



008B9A

Complementary

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



A457AE



61AE57

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.



008A69



A457AE



687E0D

Square

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



A457AE



B75C28



248639



0087C1

Rectangle

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



A457AE



CA4661



248639



008B8A

Sweetspot

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



A457AE



DFC1E3



5761AE



705E73



F2F2F2



737373

Same Dimension

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



A457AE



D35BE3



AE578D



564E57



850096



140017

Inverse Universe

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



AE5761



E35B6A



57AE78



574E4F



960011



170003

Previews

White Background



This preview shows how the Hex color A457AE looks on a white background.

Color Contrast Check

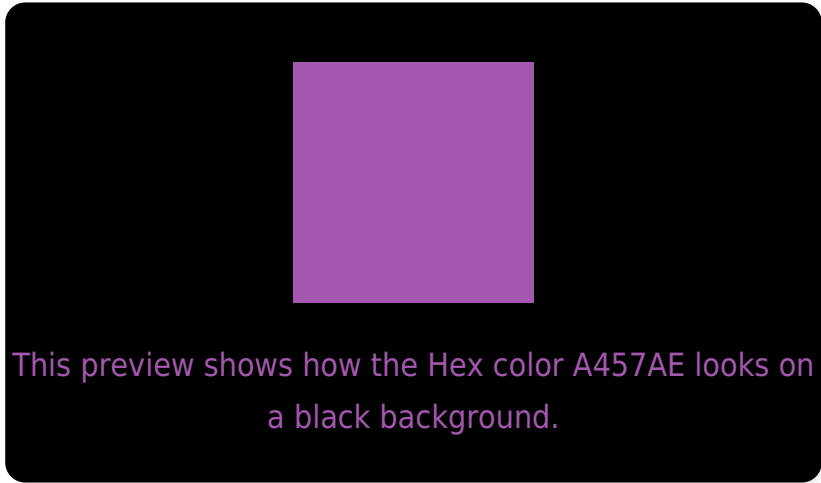
Large Text (above 18pt) WCAG AA ✓ Pass

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

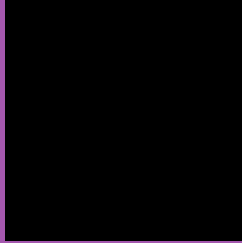
Any Text WCAG AA ✓ Pass

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 A457AE Background



This preview shows how black text looks on a background with the Hex color A457AE.

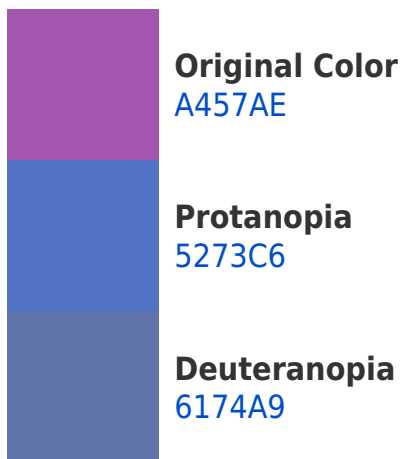



This preview shows how white text looks on a background with the Hex color A457AE.

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](#).

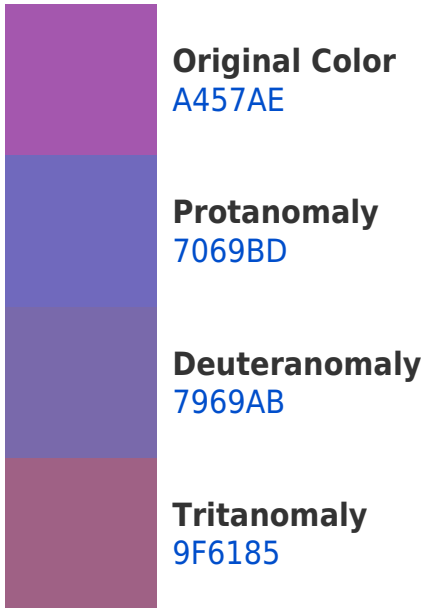
Dichromacy



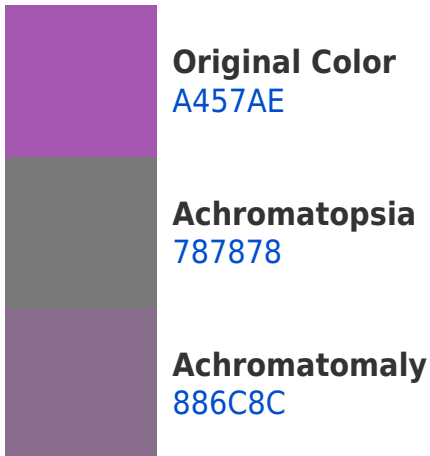


Tritanopia
9C666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A457AE 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 #A457AE looks like.

```
.text, #text, p{  
    color:#A457AE  
}
```

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 #A457AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A457AE
}
```

Border

The CSS property to change the border of an element to Hex A457AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

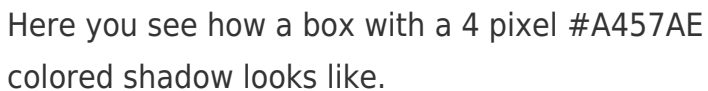
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A457AE }
```

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

```
.border{ border-color:#A457AE }
```

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



Here you see how a box with a 4 pixel #A457AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A457AE; -webkit-box-shadow:4px 4px  
4px 4px #A457AE; box-shadow:4px 4px 4px  
4px #A457AE }
```

Background

The CSS property to change the background color of an element to Hex A457AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A457AE }
```

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

```
.background{ background-color:#A457AE }
```

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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