

Converting Colors

Hex(A457AF)

Have a look what the booklet for
Hex(A457AF) contains.

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Color

Hex(A457AF)

Conversions

Conversions Part 1

Format	Color
Hex	A457AF
RGB	164, 87, 175
RGB Percent	64%, 34%, 69%
CMY	0.3569, 0.6588, 0.3137
CMYK	0.06, 0.50, 0.00, 0.31
HSL	292°, 35%, 51%
HSV	292°, 50%, 69%
XYZ	26.4559, 17.8040, 42.5996
YIQ	120.0550, 17.6440, 43.6920

Conversions

Conversions Part 2

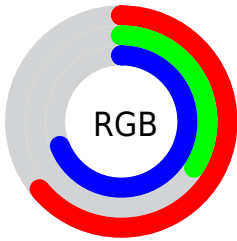
Format	Color
RYB	164, 87, 175
Decimal	10770351
CIELab	49.26, 45.18, -33.76
CIELCh	49, 56.402, 323.227
Yxy	17.8040, 0.3046, 0.2050
Android (android.graphics.Color)	4288960431 (0xFFA457AF)
YUV	120.0550, 27.0879, 38.5398
Hunter-Lab	42.1948, 38.0774, -30.3223

Details

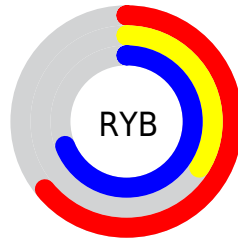
The Hex color **A457AF** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **62AF57**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **DD8CE7**, and **6E237A** is the 20% darker color. If you saturate the color by 10%, you get **A246AF**, and if you desaturate by 10%, it is **A669AF**.

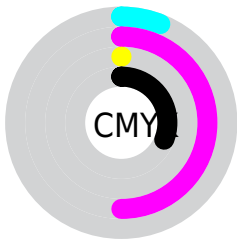
Distribution



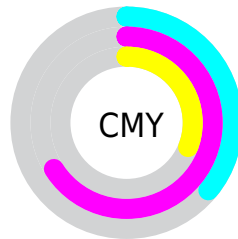
- Red (64%)
- Green (34%)
- Blue (69%)



- Red (64%)
- Yellow (34%)
- Blue (69%)



- Cyan (6%)
- Magenta (50%)
- Yellow (0%)
- Black (31%)



- Cyan (36%)
- Magenta (66%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color A457AF 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 A457AF by changing the saturation by 10% instead.

 A457AF

 A457AF

FFFFFF

 893D94

 DD8CE7

 6E237A

 FAA7FF

 540361

 FFC3FF

 3A0049

 FFDFFF

 250032

 FFFCFF

 00011C

 000000

 A457AF

 A457AF

 A246AF

 A669AF

 A034AF

 A87AAF

 9D22AF

 AB8BAF

 9B11AF

 AD9DAF

 9900AF

 AFAFAF

 B1C0AF

 B3D2AF

 B6E3AF

 B8F4AF

Harmonies

Analogous

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



5F6DCE



A457AF



C54682

Triad

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



A457AF



956F00



008B99

Complementary

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



A457AF



62AF57

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.



008B68



A457AF



687E0B

Square

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



A457AF



B75B28



248638



0088C1

Rectangle

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



A457AF



CB4562



248638



008B8A

Sweetspot

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



A457AF



DFC1E3



5763AF



705E73



F2F2F2



737373

Same Dimension

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



A457AF



D25BE3



AF578F



564E57



840096



140017

Inverse Universe

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



AF5762



E35B6C



57AF77



574E4F



960013



170003

Previews

White Background



This preview shows how the Hex color A457AF looks on a white background.

Color Contrast Check

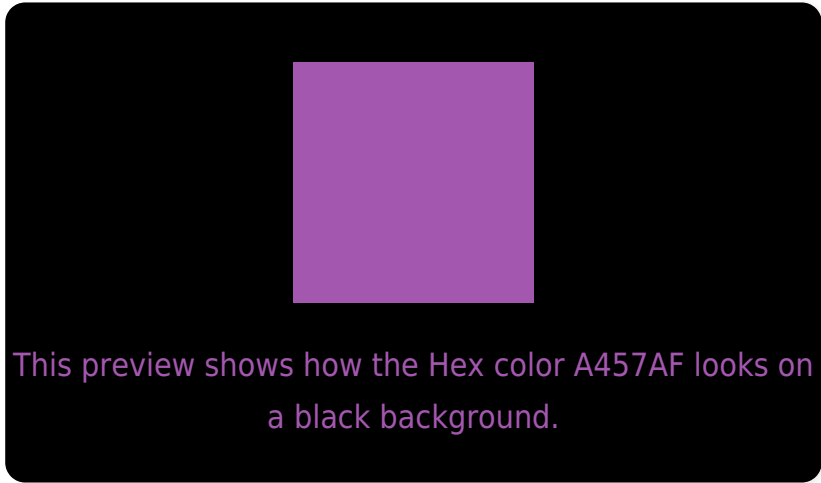
Large Text (above 18pt) WCAG AA ✓ Pass

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

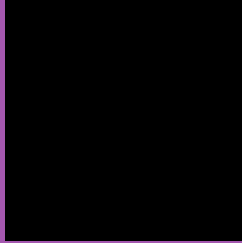
Any Text WCAG AA ✓ Pass

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 A457AF Background



This preview shows how black text looks on a background with the Hex color A457AF.

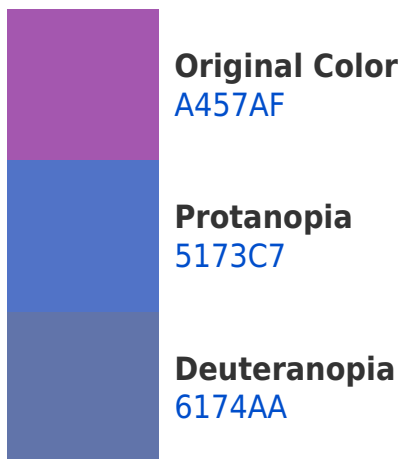


This preview shows how white text looks on a background with the Hex color A457AF.

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](#).

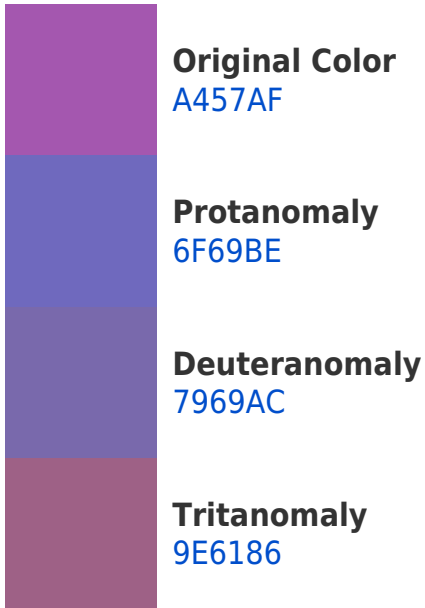
Dichromacy





Tritanopia
9B676E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A457AF 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 #A457AF looks like.

```
.text, #text, p{  
    color:#A457AF  
}
```

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 #A457AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A457AF
}
```

Border

The CSS property to change the border of an element to Hex A457AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

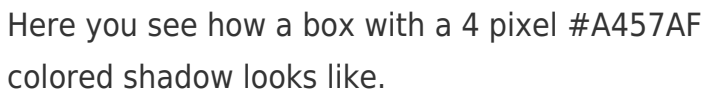
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A457AF }
```

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

```
.border{ border-color:#A457AF }
```

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



Here you see how a box with a 4 pixel #A457AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A457AF; -webkit-box-shadow:4px 4px  
4px 4px #A457AF; box-shadow:4px 4px 4px  
4px #A457AF }
```

Background

The CSS property to change the background color of an element to Hex A457AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A457AF }
```

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

```
.background{ background-color:#A457AF }
```

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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