

Converting Colors

Hex(AA5AC1)

Have a look what the booklet for
Hex(AA5AC1) contains.

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Color

Hex(AA5AC1)

Conversions

Conversions Part 1

Format	Color
Hex	AA5AC1
RGB	170, 90, 193
RGB Percent	67%, 35%, 76%
CMY	0.3333, 0.6471, 0.2431
CMYK	0.12, 0.53, 0.00, 0.24
HSL	287°, 45%, 55%
HSV	287°, 53%, 76%
XYZ	29.8594, 19.7086, 52.6825
YIQ	125.6620, 14.6170, 48.9930

Conversions

Conversions Part 2

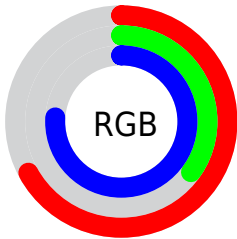
Format	Color
RYB	170, 90, 193
Decimal	11164353
CIELab	51.51, 48.92, -40.62
CIElCh	52, 63.591, 320.298
Yxy	19.7086, 0.2920, 0.1927
Android (android.graphics.Color)	4289354433 (0xFFAA5AC1)
YUV	125.6620, 33.1976, 38.8844
Hunter-Lab	44.3944, 42.3676, -39.2829

Details

The Hex color **AA5AC1** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **71C15A**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **E38FFA**, and **73268B** is the 20% darker color. If you saturate the color by 10%, you get **A647C1**, and if you desaturate by 10%, it is **AE6DC1**.

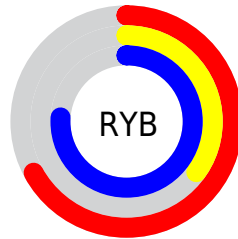
Distribution



Red (67%)

Green (35%)

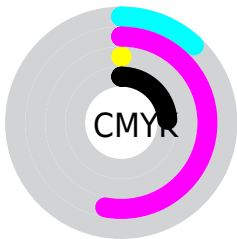
Blue (76%)



Red (67%)

Yellow (35%)

Blue (76%)

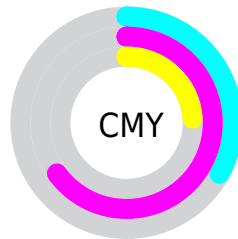


Cyan (12%)

Magenta (53%)

Yellow (0%)

Black (24%)



Cyan (33%)

Magenta (65%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA5AC1 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 AA5AC1 by changing the saturation by 10% instead.

■ AA5AC1

■ AA5AC1

FFFFFF

■ 8E40A6

■ E38FFA

■ 73268B

■ FFAAFF

■ 590471

■ FFC6FF

■ 3F0058

■ FFE3FF

■ 280040

■ 000029

■ 000113

■ 000000

■ AA5AC1

■ AA5AC1

 A647C1

 AE6DC1

 A133C1

 B381C1

 9D20C1

 B794C1

 990DC1

 BBA7C1

 9600C1

 C0BBC1

 C4CEC1

 C8E1C1

 CCF4C1

 D1FFC1

Harmonies

Analogous

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



5174E2



AA5AC1



D2438F

Triad

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



AA5AC1



A27200



00939F

Complementary

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



AA5AC1



71C15A

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.



009267



AA5AC1



718300

Square

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



AA5AC1



C85A26



238D2F



0090CE

Rectangle

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



AA5AC1



DB406A



238D2F



00938D

Sweetspot

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



AA5AC1



F1D2FA



5A72C1



78657D



FCFCFC



7D7D7D

Same Dimension

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



AA5AC1



D65AFA



C15AA6



5F5761



7D00A1



1A0021

Inverse Universe

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



C15A71



FA5A7E



5AC175



615759



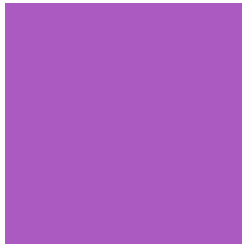
A10024



210007

Previews

White Background



This preview shows how the Hex color AA5AC1 looks on a white background.

Color Contrast Check

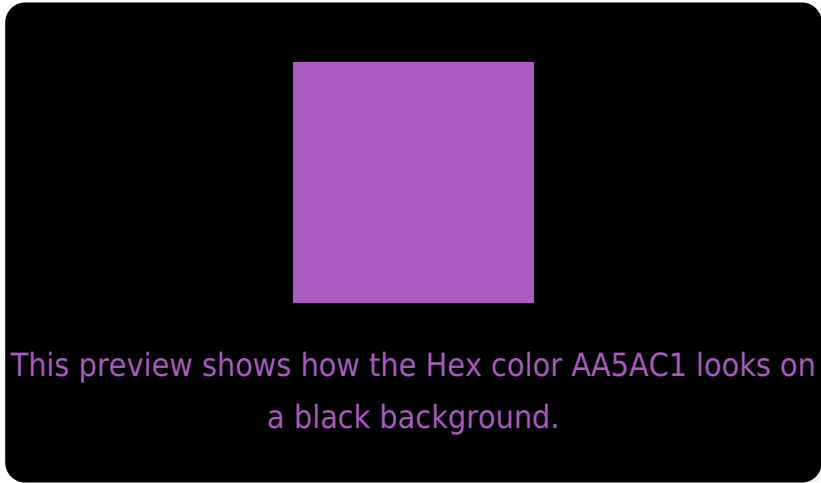
Large Text (above 18pt) WCAG AA ✓ Pass

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

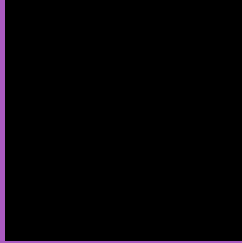
Any Text WCAG AA ✓ Pass

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 AA5AC1 Background



This preview shows how black text looks on a background with the Hex color AA5AC1.

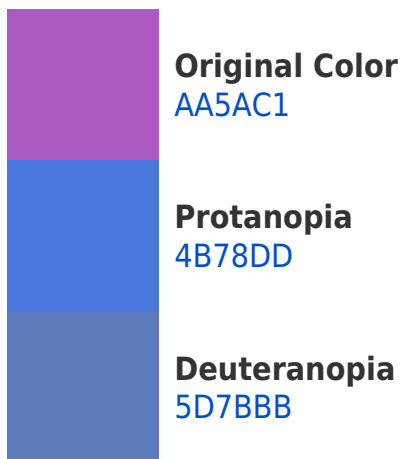


This preview shows how white text looks on a background with the Hex color AA5AC1.

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](#).

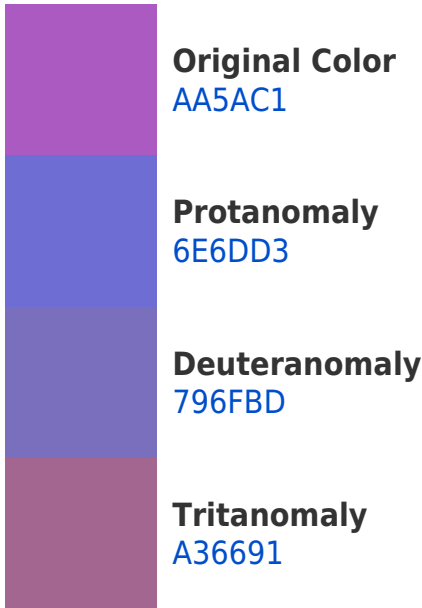
Dichromacy



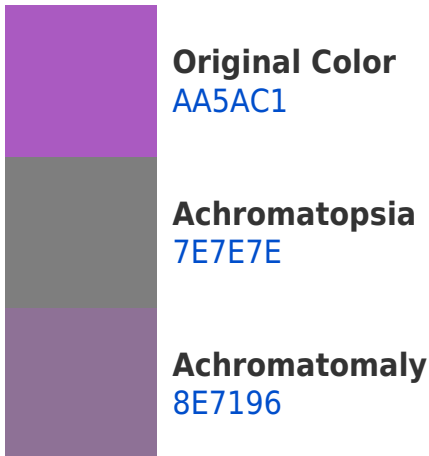


Tritanopia
9F6D75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA5AC1 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 #AA5AC1 looks like.

```
.text, #text, p{  
    color:#AA5AC1  
}
```

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 #AA5AC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA5AC1
}
```

Border

The CSS property to change the border of an element to Hex AA5AC1 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
#AA5AC1 }
```

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

```
.border{ border-color:#AA5AC1 }
```

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

Here you see how a box with a 4 pixel #AA5AC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA5AC1; -webkit-box-shadow:4px 4px  
4px 4px #AA5AC1; box-shadow:4px 4px 4px  
4px #AA5AC1 }
```

Background

The CSS property to change the background color of an element to Hex AA5AC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA5AC1 }
```

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

```
.background{ background-color:#AA5AC1 }
```

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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