

Converting Colors

Hex(AA5DB7)

Have a look what the booklet for
Hex(AA5DB7) contains.

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Color

Hex(AA5DB7)

Conversions

Conversions Part 1

Format	Color
Hex	AA5DB7
RGB	170, 93, 183
RGB Percent	67%, 36%, 72%
CMY	0.3333, 0.6353, 0.2824
CMYK	0.07, 0.49, 0.00, 0.28
HSL	291°, 38%, 54%
HSV	291°, 49%, 72%
XYZ	29.0392, 19.7936, 47.0898
YIQ	126.2830, 17.0020, 44.3140

Conversions

Conversions Part 2

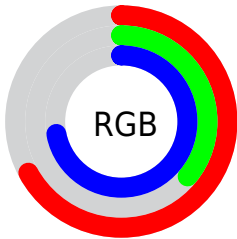
Format	Color
R_{YB}	170, 93, 183
Decimal	11165111
CIE _{Lab}	51.60, 45.37, -34.69
CIE _{LCh}	52, 57.109, 322.596
Yxy	19.7936, 0.3027, 0.2064
Android (android.graphics.Color)	4289355191 (0xFFAA5DB7)
YUV	126.2830, 27.9615, 38.3398
Hunter-Lab	44.4901, 38.6514, -31.6115

Details

The Hex color **AA5DB7** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **6AB75D**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **E392EF**, and **742A82** is the 20% darker color. If you saturate the color by 10%, you get **A74BB7**, and if you desaturate by 10%, it is **AD6FB7**.

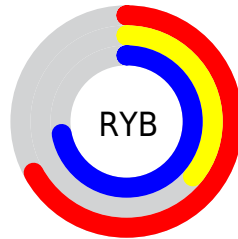
Distribution



Red (67%)

Green (36%)

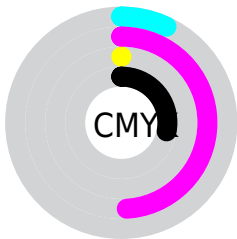
Blue (72%)



Red (67%)

Yellow (36%)

Blue (72%)

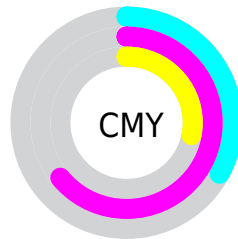


Cyan (7%)

Magenta (49%)

Yellow (0%)

Black (28%)



Cyan (33%)

Magenta (64%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA5DB7 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 AA5DB7 by changing the saturation by 10% instead.

■ AA5DB7

■ AA5DB7

FFFFFF

■ 8E439C

■ E392EF

■ 742A82

■ FFADFF

■ 590C68

■ FFC9FF

■ 400050

■ FFE6FF

■ 290038

■ 000022

■ 000007

■ 000000

■ AA5DB7

■ AA5DB7

 A74BB7

 AD6FB7

 A538B7

 AF82B7

 A226B7

 B294B7

 9F14B7

 B5A6B7

 9D02B7

 B7B9B7

 9D00B7

 BACBB7

 BDDDB7

 BFEFB7

 C2FFB7

Harmonies

Analogous

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



6373D6



AA5DB7



CC4C89

Triad

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



AA5DB7



9D7406



00929F

Complementary

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



AA5DB7



6AB75D

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.



00916D



AA5DB7



6F8310

Square

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



AA5DB7



C0602D



2C8D3C



008EC8

Rectangle

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



AA5DB7



D34B68



2C8D3C



00928F

Sweetspot

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



AA5DB7



E8CAED



5D6AB7



756278



F7F7F7



787878

Same Dimension

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



AA5DB7



D961ED



B75D97



5A535C



85009C



18001C

Inverse Universe

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



B75D6A



ED6175



5DB77D



5C5354



9C0016



1C0004

Previews

White Background



This preview shows how the Hex color AA5DB7 looks on a white background.

Color Contrast Check

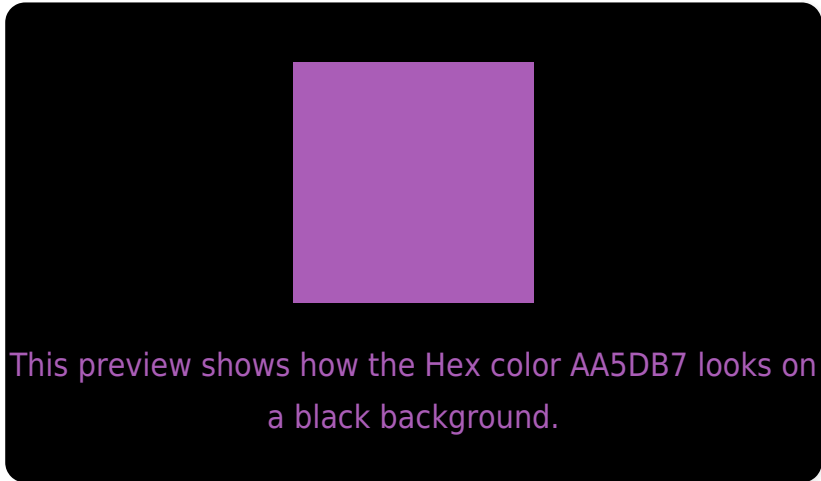
Large Text (above 18pt) WCAG AA ✓ Pass

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

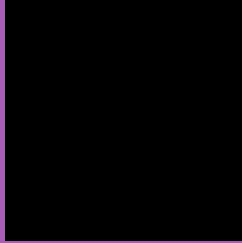
Any Text WCAG AA ✓ Pass

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 AA5DB7 Background



This preview shows how black text looks on a background with the Hex color AA5DB7.

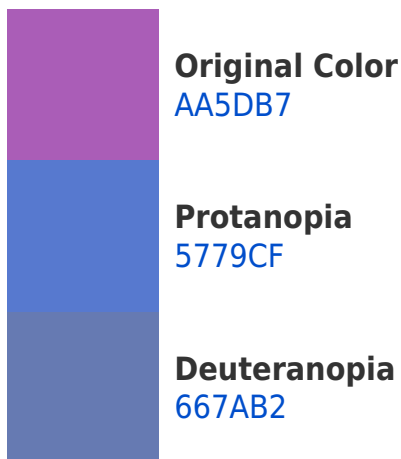



This preview shows how white text looks on a background with the Hex color AA5DB7.

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](#).

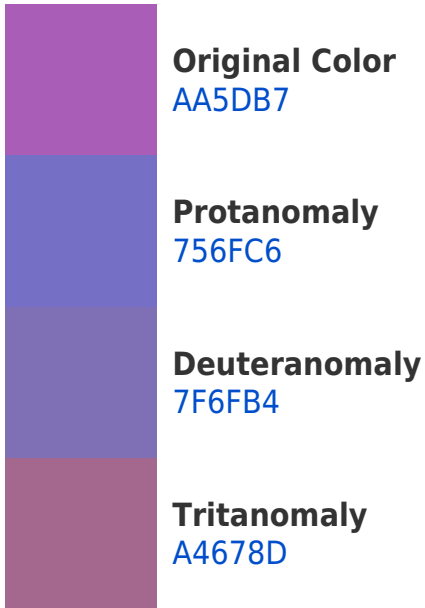
Dichromacy



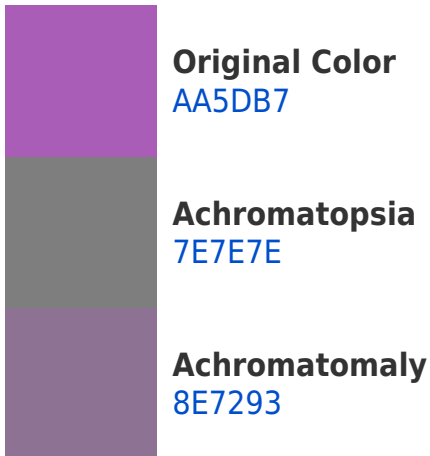


Tritanopia
A16D75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA5DB7 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 #AA5DB7 looks like.

```
.text, #text, p{  
    color:#AA5DB7  
}
```

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 #AA5DB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA5DB7
}
```

Border

The CSS property to change the border of an element to Hex AA5DB7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

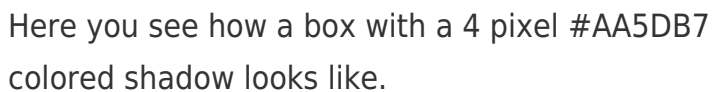
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA5DB7 }
```

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

```
.border{ border-color:#AA5DB7 }
```

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



Here you see how a box with a 4 pixel `#AA5DB7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA5DB7; -webkit-box-shadow:4px 4px  
4px 4px #AA5DB7; box-shadow:4px 4px 4px  
4px #AA5DB7 }
```

Background

The CSS property to change the background color of an element to Hex AA5DB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA5DB7 }
```

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

```
.background{ background-color:#AA5DB7 }
```

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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