

Converting Colors

Hex(A05AAD)

Have a look what the booklet for
Hex(A05AAD) contains.

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Color

Hex(A05AAD)

Conversions

Conversions Part 1

Format	Color
Hex	A05AAD
RGB	160, 90, 173
RGB Percent	63%, 35%, 68%
CMY	0.3725, 0.6471, 0.3216
CMYK	0.08, 0.48, 0.00, 0.32
HSL	291°, 34%, 52%
HSV	291°, 48%, 68%
XYZ	25.6962, 17.8030, 41.6172
YIQ	120.3920, 15.0770, 40.6530

Conversions

Conversions Part 2

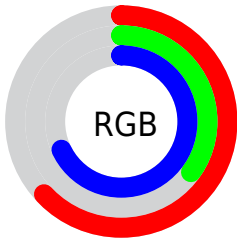
Format	Color
R_{YB}	160, 90, 173
Decimal	10508973
CIE _{Lab}	49.26, 42.03, -32.63
CIE _{LCh}	49, 53.210, 322.172
Yxy	17.8030, 0.3019, 0.2092
Android (android.graphics.Color)	4288699053 (0xFFA05AAD)
YUV	120.3920, 25.9357, 34.7362
Hunter-Lab	42.1937, 34.8687, -28.9444

Details

The Hex color **A05AAD** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **67AD5A**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **D88EE5**, and **6A2878** is the 20% darker color. If you saturate the color by 10%, you get **9D49AD**, and if you desaturate by 10%, it is **A36BAD**.

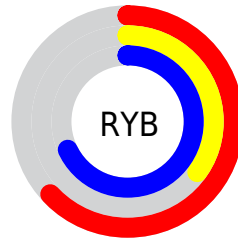
Distribution



Red (63%)

Green (35%)

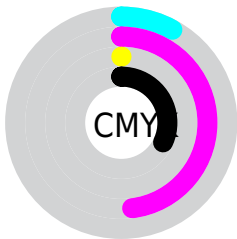
Blue (68%)



Red (63%)

Yellow (35%)

Blue (68%)

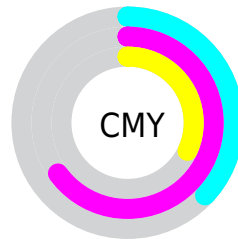


Cyan (8%)

Magenta (48%)

Yellow (0%)

Black (32%)



Cyan (37%)

Magenta (65%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color A05AAD 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 A05AAD by changing the saturation by 10% instead.

 A05AAD

 A05AAD

FFFFFF

 854192

 D88EE5

 6A2878

 F5A9FF

 510B5F

 FFC5FF

 370047

 FFE2FF

 230030

 00011A

 000000

 A05AAD

 A05AAD

 9D49AD

 A36BAD

9B37AD

A57DAD

9826AD

A88EAD

9515AD

AB9FAD

9204AD

AEB1AD

9200AD

B0C2AD

B3D3AD

B6E4AD

B8F6AD

Harmonies

Analogous

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



5F6EC9



A05AAD



C04A83

Triad

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



A05AAD



966F0F



008A96

Complementary

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



A05AAD



67AD5A

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.



008A67



A05AAD



6B7D15

Square

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



A05AAD



B55C2E



30853A



0087BC

Rectangle

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



A05AAD



C74965



30853A



008A87

Sweetspot

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



A05AAD



DBC1E0



5A68AD



6D5D70



F0F0F0



707070

Same Dimension

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



A05AAD



CC5EE0



AD5A91



554E57



7F0096



130017

Inverse Universe

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



AD5A67



E05E73



5AAD76



574E4F



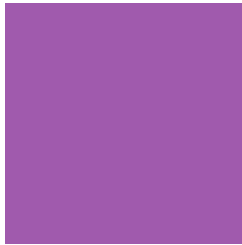
960018



170004

Previews

White Background



This preview shows how the Hex color A05AAD looks on a white background.

Color Contrast Check

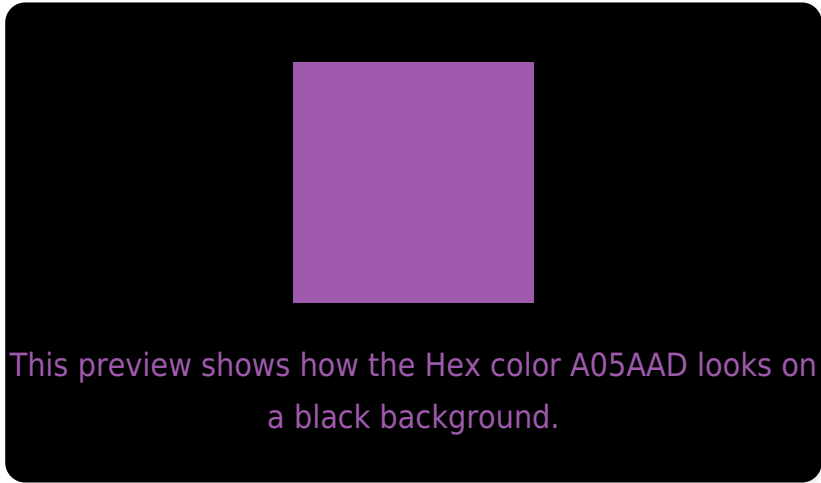
Large Text (above 18pt) WCAG AA ✓ Pass

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

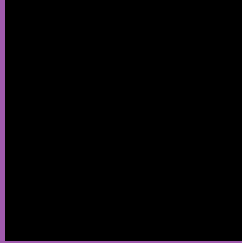
Any Text WCAG AA ✓ Pass

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 A05AAD Background



This preview shows how black text looks on a background with the Hex color A05AAD.

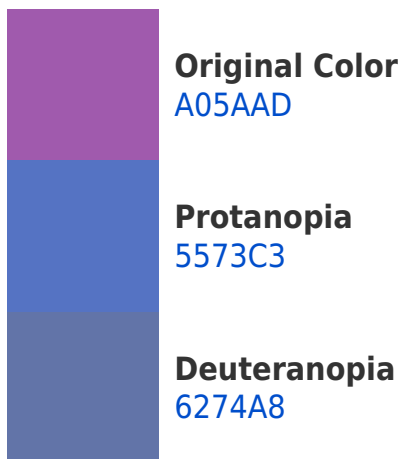


This preview shows how white text looks on a background with the Hex color A05AAD.

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](#).

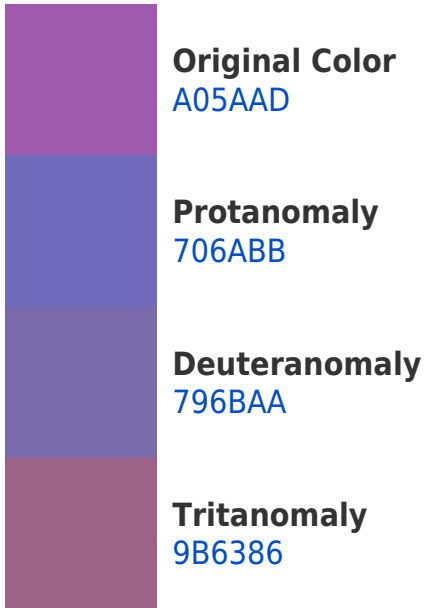
Dichromacy



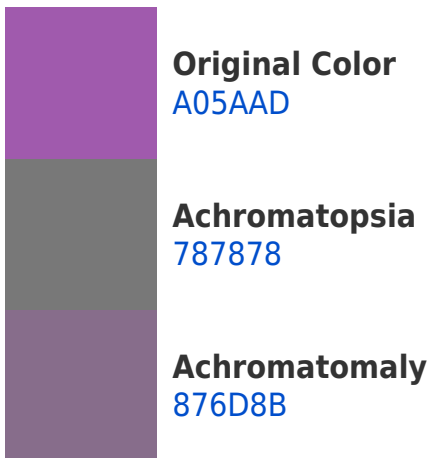


Tritanopia
986870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A05AAD 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 #A05AAD looks like.

```
.text, #text, p{  
    color:#A05AAD  
}
```

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 #A05AAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A05AAD
}
```

Border

The CSS property to change the border of an element to Hex A05AAD is called "border". The border property can be set on classes, ids or directly on the HTML element.

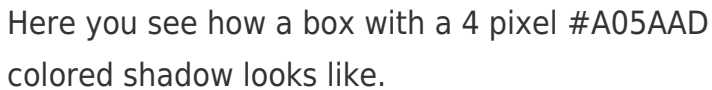
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A05AAD }
```

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

```
.border{ border-color:#A05AAD }
```

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



Here you see how a box with a 4 pixel #A05AAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A05AAD; -webkit-box-shadow:4px 4px  
4px 4px #A05AAD; box-shadow:4px 4px 4px  
4px #A05AAD }
```

Background

The CSS property to change the background color of an element to Hex A05AAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A05AAD }
```

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

```
.background{ background-color:#A05AAD }
```

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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