

# Converting Colors

Hex(A05ABA)

Have a look what the booklet for  
Hex(A05ABA) contains.

<b>Hex(A05ABA)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(A05ABA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A05ABA
RGB	160, 90, 186
RGB Percent	63%, 35%, 73%
CMY	0.3725, 0.6471, 0.2706
CMYK	0.14, 0.52, 0.00, 0.27
HSL	284°, 41%, 54%
HSV	284°, 52%, 73%
XYZ	27.0163, 18.3311, 48.5687
YIQ	121.8740, 10.9040, 44.6960

# Conversions

## Conversions Part 2

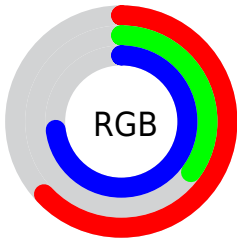
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	160, 90, 186
Decimal	10508986
CIE <sub>Lab</sub>	49.90, 44.72, -39.20
CIE <sub>LCh</sub>	50, 59.469, 318.762
Yxy	18.3311, 0.2877, 0.1952
Android (android.graphics.Color)	4288699066 (0xFFA05ABA)
YUV	121.8740, 31.6141, 33.4365
Hunter-Lab	42.8148, 37.7082, -37.2876

# Details

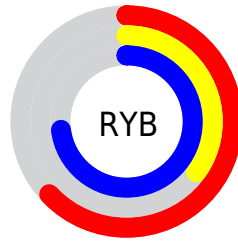
The Hex color **A05ABA** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **74BA5A**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **D98EF3**, and **6A2784** is the 20% darker color. If you saturate the color by 10%, you get **9B47BA**, and if you desaturate by 10%, it is **A56DBA**.

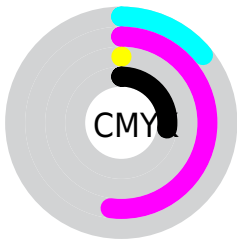
# Distribution



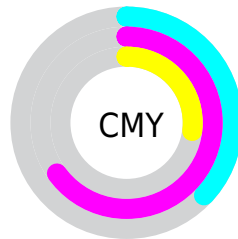
- Red (63%)
- Green (35%)
- Blue (73%)



- Red (63%)
- Yellow (35%)
- Blue (73%)



- Cyan (14%)
- Magenta (52%)
- Yellow (0%)
- Black (27%)



- Cyan (37%)
- Magenta (65%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A05ABA 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 A05ABA by changing the saturation by 10% instead.



 A05ABA

 A05ABA

FFFFFF

 85419F

 D98EF3

 6A2784

 F6AAFF

 500A6B

 FFC5FF

 360052

 FFE2FF

 22003B

 000124

 00000B

 000000

 A05ABA

 A05ABA

9B47BA

A56DBA

9635BA

AA7FBA

9122BA

AF92BA

8C10BA

B4A4BA

8800BA

B9B7BA

BECABA

C3DCBA

C8EFBA

CDFFBA

# Harmonies

## Analogous

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



4C71D7



A05ABA



C7458C

# Triad

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



A05ABA



9E6E00



008E96

# Complementary

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



A05ABA



74BA5A

# 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.



008D61



A05ABA



707E00

# Square

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



A05ABA



C0582B



2F882E



008BC2

# Rectangle

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



A05ABA



D0416A



2F882E



008E85



# Sweetspot

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



A05ABA



E8CEF2



5A75BA



74647A



FAFAFA



7A7A7A



# Same Dimension

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



A05ABA



CA5CF2



BA5AA5



59535C



71009C



14001C



# Inverse Universe

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



BA5A74



F25C85



5ABA6F



5C5355



9C002A



1C0008



# Previews

## White Background



This preview shows how the Hex color A05ABA looks on a white background.

## Color Contrast Check

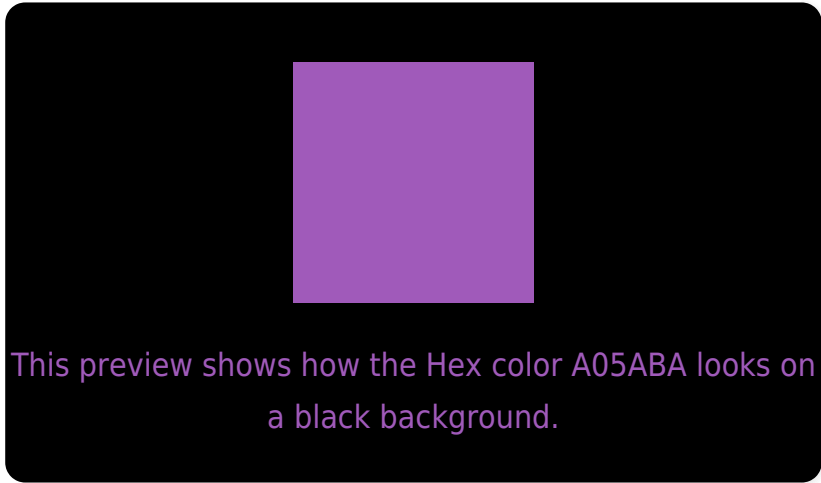
Large Text (above 18pt) WCAG AA ✓ Pass

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

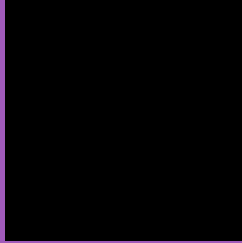
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A05ABA Background



This preview shows how black text looks on a background with the Hex color A05ABA.

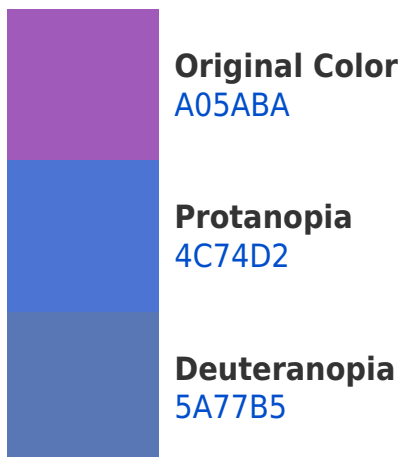


This preview shows how white text looks on a background with the Hex color A05ABA.

# 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](#).

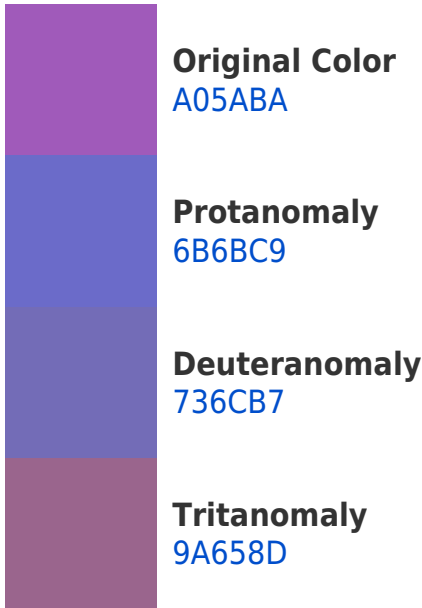
## Dichromacy



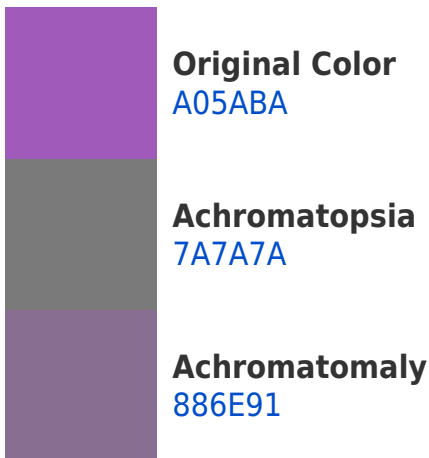


**Tritanopia**  
966B74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A05ABA 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 #A05ABA looks like.

```
.text, #text, p{  
    color:#A05ABA  
}
```

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 #A05ABA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A05ABA
}
```

## Border

The CSS property to change the border of an element to Hex A05ABA 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
#A05ABA }
```

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

```
.border{ border-color:#A05ABA }
```

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

Here you see how a box with a 4 pixel #A05ABA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A05ABA; -webkit-box-shadow:4px 4px  
4px 4px #A05ABA; box-shadow:4px 4px 4px  
4px #A05ABA }
```

# Background

The CSS property to change the background color of an element to Hex A05ABA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A05ABA }
```

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

```
.background{ background-color:#A05ABA }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor