

# Converting Colors

Hex(A618AB)

Have a look what the booklet for  
Hex(A618AB) contains.

<b>Hex(A618AB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(A618AB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A618AB
RGB	166, 24, 171
RGB Percent	65%, 9%, 67%
CMY	0.3490, 0.9059, 0.3294
CMYK	0.03, 0.86, 0.00, 0.33
HSL	298°, 75%, 38%
HSV	298°, 86%, 67%
XYZ	23.4032, 11.7005, 39.5530
YIQ	83.2160, 37.4450, 75.8210

# Conversions

## Conversions Part 2

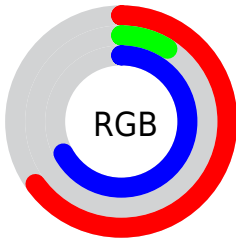
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 24, 171
Decimal	10885291
CIE <sub>Lab</sub>	40.74, 68.84, -44.88
CIE <sub>LCh</sub>	41, 82.176, 326.894
Yxy	11.7005, 0.3135, 0.1567
Android (android.graphics.Color)	4289075371 (0xFFA618AB)
YUV	83.2160, 43.2775, 72.6016
Hunter-Lab	34.2060, 62.2662, -44.6138

# Details

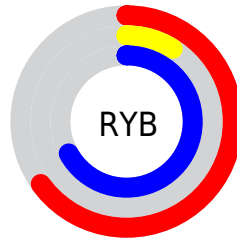
The Hex color **A618AB** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **1DAB18**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **E15BE3**, and **6D0076** is the 20% darker color. If you saturate the color by 10%, you get **A507AB**, and if you desaturate by 10%, it is **A729AB**.

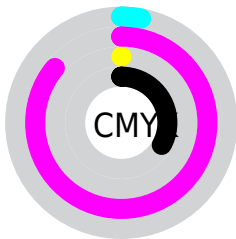
# Distribution



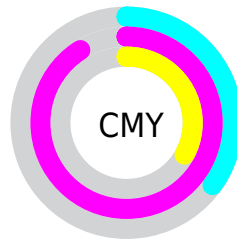
- Red (65%)
- Green (9%)
- Blue (67%)



- Red (65%)
- Yellow (9%)
- Blue (67%)



- Cyan (3%)
- Magenta (86%)
- Yellow (0%)
- Black (33%)



- Cyan (35%)
- Magenta (91%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A618AB 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 A618AB by changing the saturation by 10% instead.




 A618AB

 A618AB

FFFFFF

 890090

 E15BE3

 6D0076

 FF78FF

 52005D

 FF94FF

 390045

 FFB1FF

 1A002D

 FFCEFF

 000117

 FFECFF

 000000

 A618AB

 A618AB

 A507AB

 A729AB

 A500AB

 A73AAB

 A84BAB

 A85CAB

 A96DAB

 A97FAB

 AA90AB

 ABA1AB

 ABB2AB

# Harmonies

## Analogous

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



3151DB



A618AB



CC006A

# Triad

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



A618AB



7C5B00



007B9C

# Complementary

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



A618AB



1DAB18

# 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.



007957



A618AB



386D00

# Square

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



A618AB



AD3900



007600



0078D2

# Rectangle

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



A618AB



CF003E



007600



007A86



# Sweetspot

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



A618AB



DCA4DE



181FAB



6F4D70



F0F0F0



707070



# Same Dimension

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



A618AB



D600DE



AB1869



564E57



910096



160017



# Inverse Universe

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



AB181D



DE0008



18AB5A



574E4E



960005



170001



# Previews

## White Background



This preview shows how the Hex color A618AB looks on a white background.

## Color Contrast Check

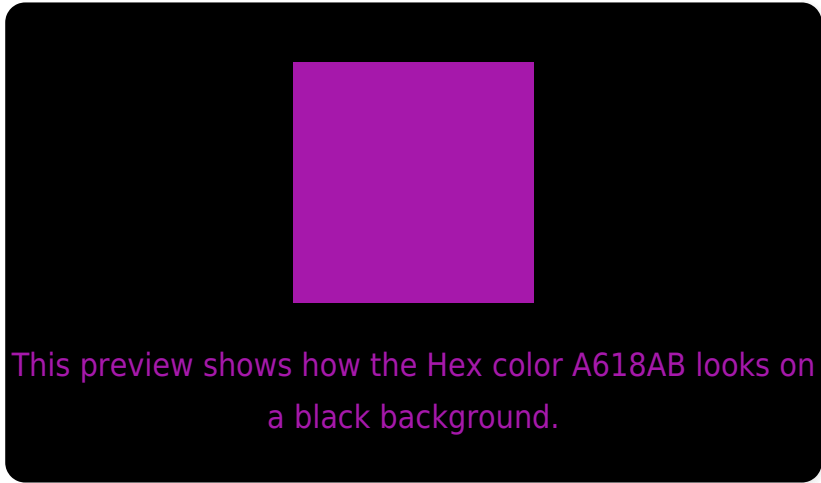
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

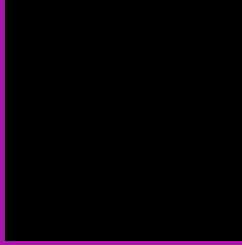
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A618AB Background



This preview shows how black text looks on a background with the Hex color A618AB.

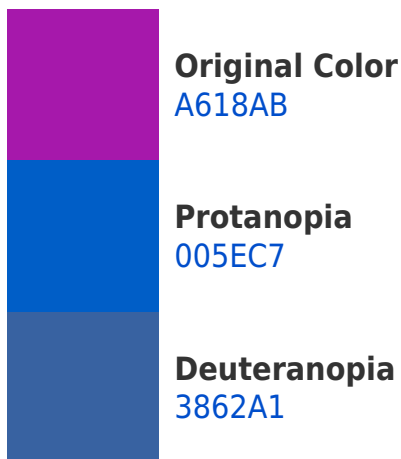


This preview shows how white text looks on a background with the Hex color A618AB.

# 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**  
9B464A

# Trichromacy



**Original Color**  
A618AB



**Protanomaly**  
3C45BD



**Deuteranomaly**  
6047A5



**Tritanomaly**  
9F356D

# Monochromacy



**Original Color**  
A618AB



**Achromatopsia**  
535353



**Achromatomaly**  
713E73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A618AB 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 #A618AB looks like.

```
.text, #text, p{  
    color:#A618AB  
}
```

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 #A618AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A618AB
}
```

## Border

The CSS property to change the border of an element to Hex A618AB 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
#A618AB }
```

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

```
.border{ border-color:#A618AB }
```

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

Here you see how a box with a 4 pixel #A618AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A618AB; -webkit-box-shadow:4px 4px  
4px 4px #A618AB; box-shadow:4px 4px 4px  
4px #A618AB }
```

# Background

The CSS property to change the background color of an element to Hex A618AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A618AB }
```

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

```
.background{ background-color:#A618AB }
```

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