

# Converting Colors

Hex(A66EAE)

Have a look what the booklet for  
Hex(A66EAE) contains.

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# Color

**Hex(A66EAE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A66EAE
RGB	166, 110, 174
RGB Percent	65%, 43%, 68%
CMY	0.3490, 0.5686, 0.3176
CMYK	0.05, 0.37, 0.00, 0.32
HSL	292°, 28%, 56%
HSV	292°, 37%, 68%
XYZ	28.9418, 22.3148, 42.8262
YIQ	134.0400, 12.8320, 31.7760

# Conversions

## Conversions Part 2

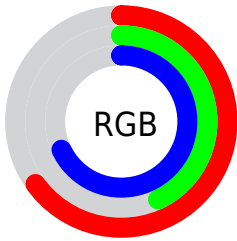
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	166, 110, 174
Decimal	10907310
CIE Lab	54.36, 33.11, -25.23
CIE LCh	54, 41.624, 322.694
Yxy	22.3148, 0.3076, 0.2372
Android (android.graphics.Color)	4289097390 (0xFFA66EAE)
YUV	134.0400, 19.7003, 28.0289
Hunter-Lab	47.2386, 26.6946, -20.6849

# Details

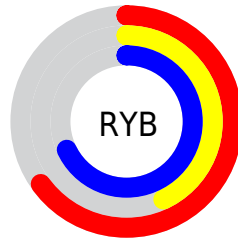
The Hex color **A66EAE** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **76AE6E**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **DEA3E6**, and **713D79** is the 20% darker color. If you saturate the color by 10%, you get **A45DAE**, and if you desaturate by 10%, it is **A87FAE**.

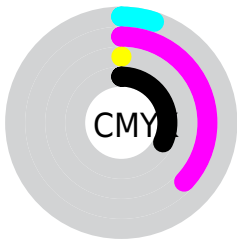
# Distribution



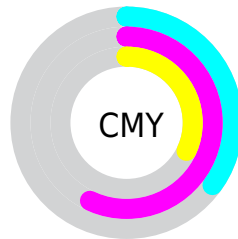
- Red (65%)
- Green (43%)
- Blue (68%)



- Red (65%)
- Yellow (43%)
- Blue (68%)



- Cyan (5%)
- Magenta (37%)
- Yellow (0%)
- Black (32%)



- Cyan (35%)
- Magenta (57%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A66EAE 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 A66EAE by changing the saturation by 10% instead.




 A66EAE

 A66EAE

FFFFFF

 8B5593

 DEA3E6

 713D79

 FBBEFF

 572560

 FFDAFF

 3F0C48

 FFF7FF

 280032

 05001C

 000000

 A66EAE

 A66EAE

 A45DAE

 A87FAE

 A24BAE

 AA91AE

 9F3AAE

 ADA2AE

 9D28AE

 AFB4AE

 9B17AE

 B1C5AE

 9906AE

 B3D6AE

 9800AE

 B5E8AE

 B7F9AE

 BAFFAE

# Harmonies

## Analogous

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



777CC4



A66EAE



C0648C

# Triad

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



A66EAE



9F7D39



00949D

# Complementary

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



A66EAE



76AE6E

# 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.



009478



A66EAE



7C883D

# Square

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



A66EAE



B9704A



519055



0090BA

# Rectangle

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



A66EAE



C66474



519055



009491



# Sweetspot

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



A66EAE



E0CAE3



6E77AE



716473



F2F2F2



737373



# Same Dimension

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



A66EAE



D67FE3



AE6E97



564E57



840096



140017



# Inverse Universe

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



AE6E76



E37F8C



6EAE85



574E4F



960013

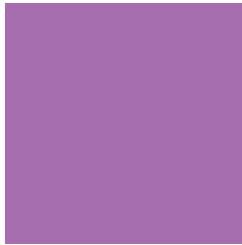


170003



# Previews

## White Background



This preview shows how the Hex color A66EAE looks on a white background.

## Color Contrast Check

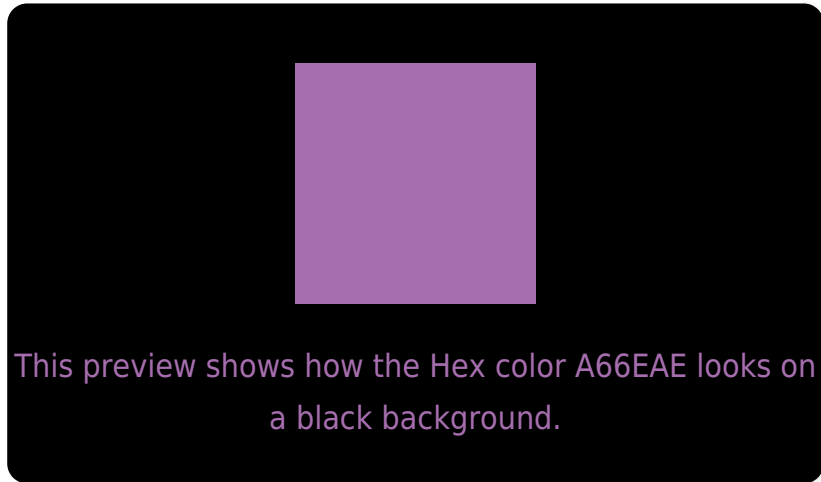
Large Text (above 18pt) WCAG AA ✓ Pass

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

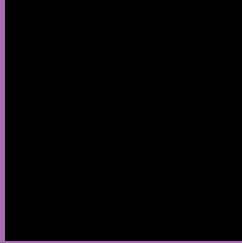
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A66EAE Background



This preview shows how black text looks on a background with the Hex color A66EAE.

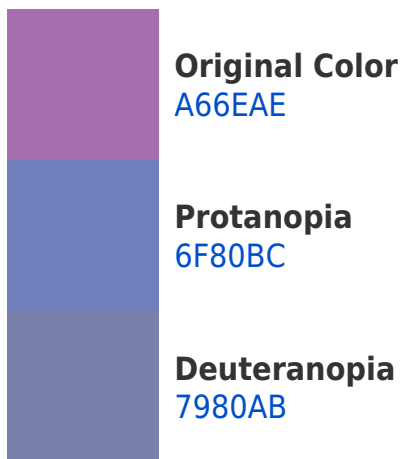


This preview shows how white text looks on a background with the Hex color A66EAE.

# 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](#).

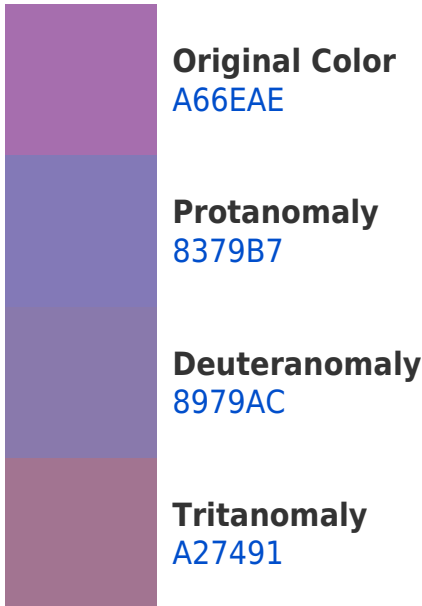
## Dichromacy





**Tritanopia**  
A07781

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A66EAE 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 #A66EAE looks like.

```
.text, #text, p{  
    color:#A66EAE  
}
```

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 #A66EAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A66EAE
}
```

## Border

The CSS property to change the border of an element to Hex A66EAE is called "border". The border property can be set on classes, ids or directly on the HTML element.

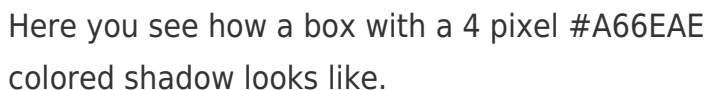
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A66EAE }
```

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

```
.border{ border-color:#A66EAE }
```

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



Here you see how a box with a 4 pixel #A66EAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A66EAE; -webkit-box-shadow:4px 4px  
4px 4px #A66EAE; box-shadow:4px 4px 4px  
4px #A66EAE }
```

# Background

The CSS property to change the background color of an element to Hex A66EAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A66EAE }
```

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

```
.background{ background-color:#A66EAE }
```

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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