

Converting Colors

Hex(A766C1)

Have a look what the booklet for
Hex(A766C1) contains.

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Color

Hex(A766C1)

Conversions

Conversions Part 1

Format	Color
Hex	A766C1
RGB	167, 102, 193
RGB Percent	65%, 40%, 76%
CMY	0.3451, 0.6000, 0.2431
CMYK	0.13, 0.47, 0.00, 0.24
HSL	283°, 42%, 58%
HSV	283°, 47%, 76%
XYZ	30.3134, 21.5685, 53.0175
YIQ	131.8090, 9.5290, 42.0810

Conversions

Conversions Part 2

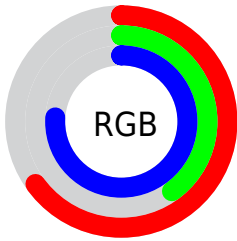
Format	Color
RYB	167, 102, 193
Decimal	10970817
CIELab	53.57, 41.76, -37.40
CIELCh	54, 56.061, 318.151
Yxy	21.5685, 0.2890, 0.2056
Android (android.graphics.Color)	4289160897 (0xFFA766C1)
YUV	131.8090, 30.1672, 30.8625
Hunter-Lab	46.4419, 35.2365, -35.1755

Details

The Hex color **A766C1** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **80C166**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **E09BFA**, and **71348B** is the 20% darker color. If you saturate the color by 10%, you get **A153C1**, and if you desaturate by 10%, it is **AD79C1**.

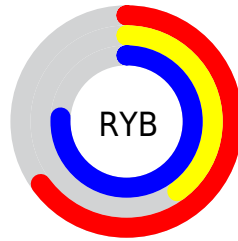
Distribution



Red (65%)

Green (40%)

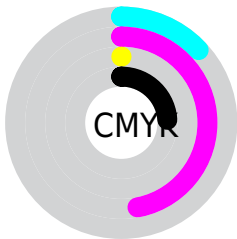
Blue (76%)



Red (65%)

Yellow (40%)

Blue (76%)

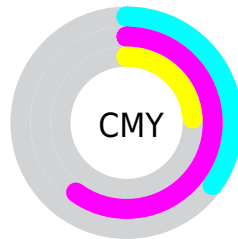


Cyan (13%)

Magenta (47%)

Yellow (0%)

Black (24%)



Cyan (35%)

Magenta (60%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color A766C1 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 A766C1 by changing the saturation by 10% instead.

 A766C1

 A766C1

FFFFFF

 8C4DA6

 E09BFA

 71348B

 FDB6FF

 571A71

 FFD2FF

 3D0058

 FFEFFF

 250040

 02002A

 000113

 000000

 A766C1

 A766C1

 A153C1


 AD79C1

 9C3FC1

 B28DC1

 962CC1

 B8A0C1

 9119C1

 BDB3C1

 8B05C1

 C3C7C1

 8A00C1

 C8DAC1

 CEEDC1

 D3FFC1

 D9FFC1

Harmonies

Analogous

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



5A7BDC



A766C1



CE5495

Triad

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



A766C1



A87717



00979D

Complementary

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



A766C1



80C166

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.



00966B



A766C1



7C8716

Square

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



A766C1



C96339



42913B



0094C7

Rectangle

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



A766C1



D75175



42913B



00978C

Sweetspot

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



A766C1



F0D7FA



6681C1



77687D



FCFCFC



7D7D7D

Same Dimension

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



A766C1



D16BFA



C166AF



5E5761



7300A1



180021

Inverse Universe

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



C16680



FA6B94



66C178



61575A



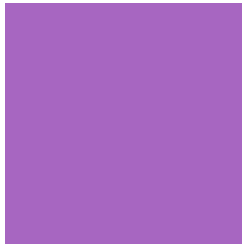
A1002E



210009

Previews

White Background



This preview shows how the Hex color A766C1 looks on a white background.

Color Contrast Check

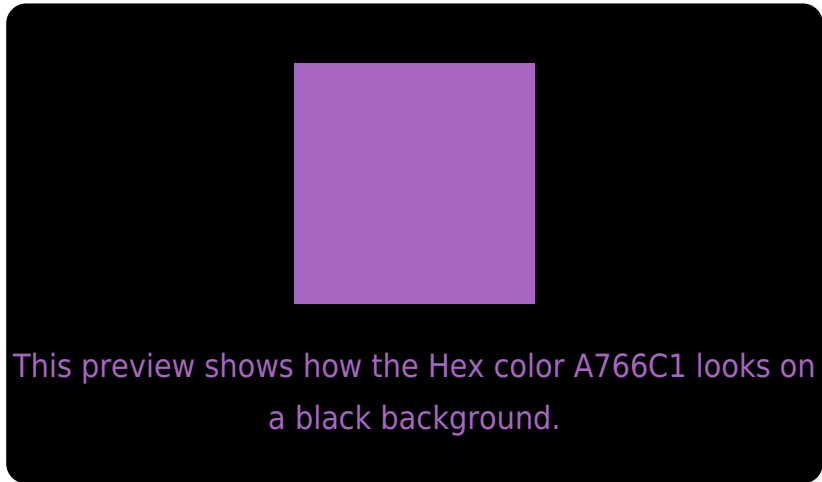
Large Text (above 18pt) WCAG AA ✓ Pass

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

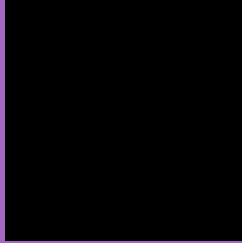
Any Text WCAG AA ✓ Pass

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 A766C1 Background



This preview shows how black text looks on a background with the Hex color A766C1.

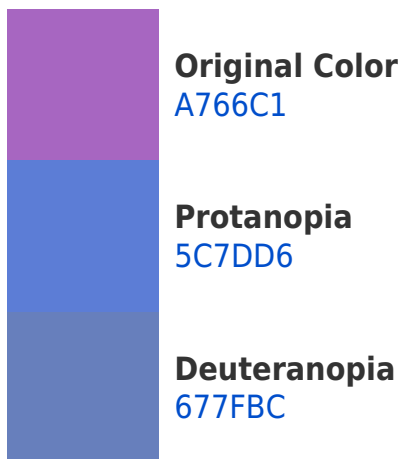


This preview shows how white text looks on a background with the Hex color A766C1.

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](#).

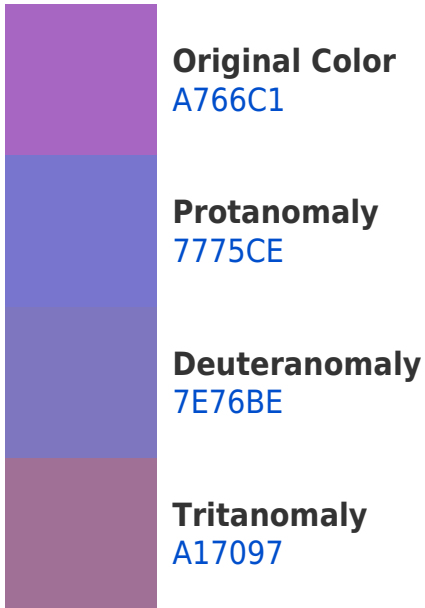
Dichromacy





Tritanopia
9D767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A766C1 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 #A766C1 looks like.

```
.text, #text, p{  
    color:#A766C1  
}
```

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 #A766C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A766C1
}
```

Border

The CSS property to change the border of an element to Hex A766C1 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
#A766C1 }
```

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

```
.border{ border-color:#A766C1 }
```

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

Here you see how a box with a 4 pixel #A766C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A766C1; -webkit-box-shadow:4px 4px  
4px 4px #A766C1; box-shadow:4px 4px 4px  
4px #A766C1 }
```

Background

The CSS property to change the background color of an element to Hex A766C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A766C1 }
```

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

```
.background{ background-color:#A766C1 }
```

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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