

Converting Colors

Hex(A866D0)

Have a look what the booklet for
Hex(A866D0) contains.

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Color

Hex(A866D0)

Conversions

Conversions Part 1

Format	Color
Hex	A866D0
RGB	168, 102, 208
RGB Percent	66%, 40%, 82%
CMY	0.3412, 0.6000, 0.1843
CMYK	0.19, 0.51, 0.00, 0.18
HSL	277°, 53%, 61%
HSV	277°, 51%, 82%
XYZ	32.2850, 22.3816, 62.2930
YIQ	133.8180, 5.3100, 46.9580

Conversions

Conversions Part 2

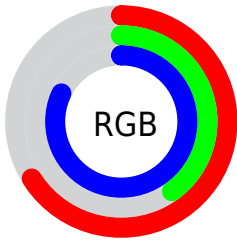
Format	Color
RYB	168, 102, 208
Decimal	11036368
CIELab	54.43, 45.29, -44.60
CIELCh	54, 63.564, 315.439
Yxy	22.3816, 0.2760, 0.1914
Android (android.graphics.Color)	4289226448 (0xFFA866D0)
YUV	133.8180, 36.5717, 29.9776
Hunter-Lab	47.3092, 39.0216, -44.9518

Details

The Hex color **A866D0** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **8ED066**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **E19BFF**, and **713399** is the 20% darker color. If you saturate the color by 10%, you get **A051D0**, and if you desaturate by 10%, it is **B07BD0**.

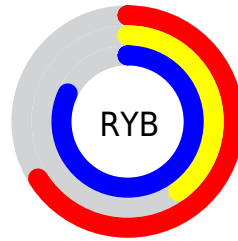
Distribution



Red (66%)

Green (40%)

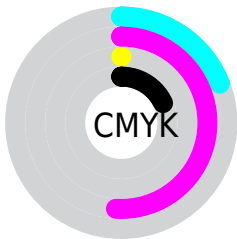
Blue (82%)



Red (66%)

Yellow (40%)

Blue (82%)

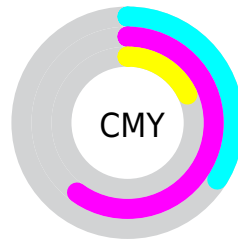


Cyan (19%)

Magenta (51%)

Yellow (0%)

Black (18%)



Cyan (34%)

Magenta (60%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color A866D0 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 A866D0 by changing the saturation by 10% instead.

 A866D0

 A866D0

FFFFFF

 8C4CB4

 E19BFF

 713399

 FFB6FF

 57197F


 FFD3FF

 3C0065


 FFEFFF

 22004C

 010035

 00021F

 000001

 000000

 A866D0

 A866D0

 A051D0

 B07BD0

 983CD0

 B890D0

 9028D0

 C0A4D0

 8913D0

 C7B9D0

 8200D0

 CFCED0

 D7E3D0

 DFF8D0

 E7FFD0

 EFFF00

Harmonies

Analogous

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



417FED



A866D0



D74E9F

Triad

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



A866D0



B27600



009B9E

Complementary

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



A866D0



8ED066

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.



009A65



A866D0



828800

Square

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



A866D0



D55E35



3F942E



0099D0

Rectangle

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



A866D0



E3487B



3F942E



009B8B

Sweetspot

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



A866D0



F1D9FF



668FD0



776980



000000



808080

Same Dimension

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



A866D0



C463FF



D066C4



655E69



6900A8



190029

Inverse Universe

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



D0668E



FF639E



66D072



695E62



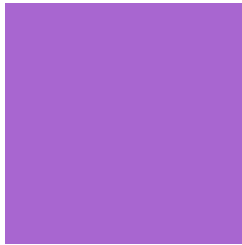
A80040



29000F

Previews

White Background



This preview shows how the Hex color A866D0 looks on a white background.

Color Contrast Check

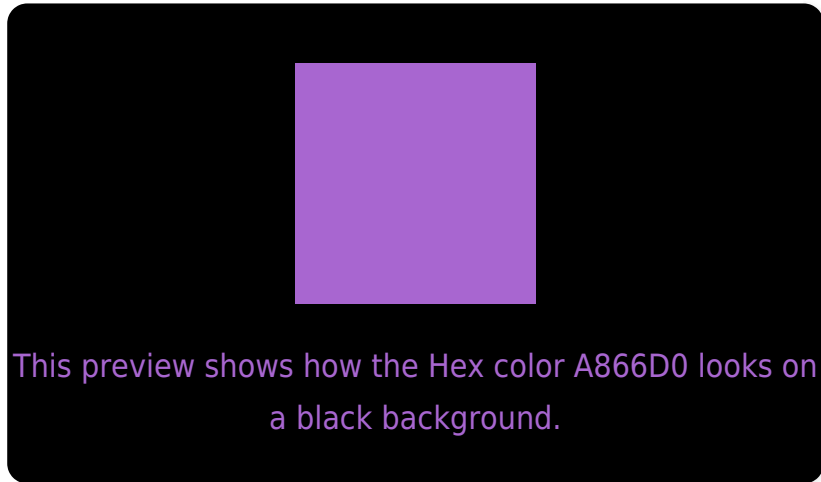
Large Text (above 18pt) WCAG AA ✓ Pass

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

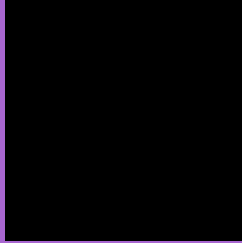
Any Text WCAG AA ✓ Pass

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 A866D0 Background



This preview shows how black text looks on a background with the Hex color A866D0.

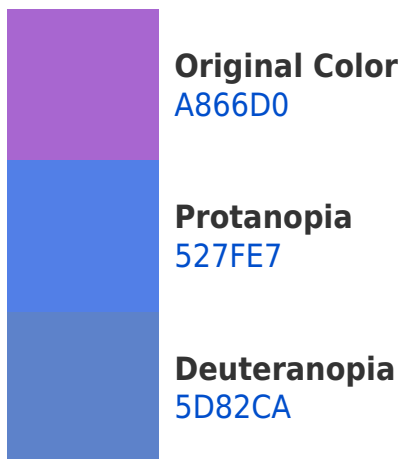


This preview shows how white text looks on a background with the Hex color A866D0.

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](#).

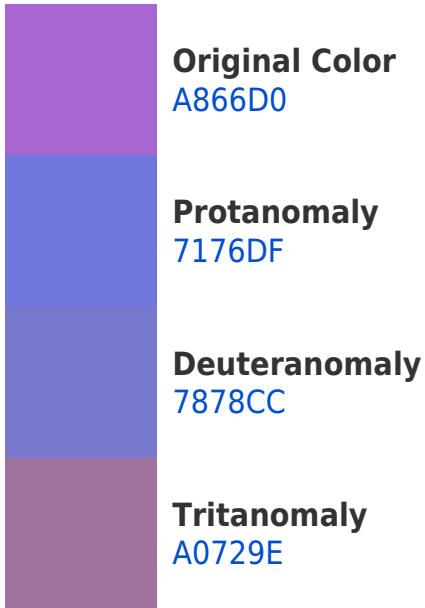
Dichromacy



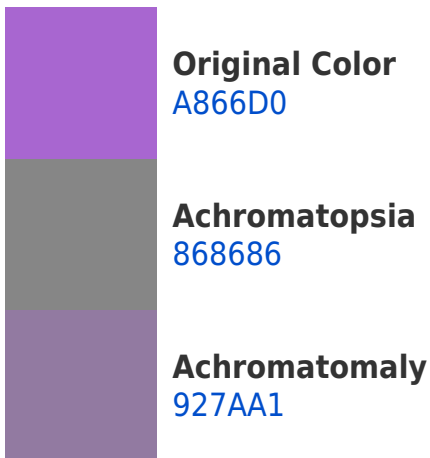


Tritanopia
9C7982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A866D0 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 #A866D0 looks like.

```
.text, #text, p{  
    color:#A866D0  
}
```

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 #A866D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A866D0
}
```

Border

The CSS property to change the border of an element to Hex A866D0 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
#A866D0 }
```

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

```
.border{ border-color:#A866D0 }
```

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

Here you see how a box with a 4 pixel #A866D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A866D0; -webkit-box-shadow:4px 4px  
4px 4px #A866D0; box-shadow:4px 4px 4px  
4px #A866D0 }
```

Background

The CSS property to change the background color of an element to Hex A866D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A866D0 }
```

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

```
.background{ background-color:#A866D0 }
```

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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