

Converting Colors

Hex(AD66BF)

Have a look what the booklet for
Hex(AD66BF) contains.

Hex(AD66BF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AD66BF)

Conversions

Conversions Part 1

Format	Color
Hex	AD66BF
RGB	173, 102, 191
RGB Percent	68%, 40%, 75%
CMY	0.3216, 0.6000, 0.2510
CMYK	0.09, 0.47, 0.00, 0.25
HSL	288°, 41%, 57%
HSV	288°, 47%, 75%
XYZ	31.3889, 22.1486, 51.9109
YIQ	133.3750, 13.7470, 42.7310

Conversions

Conversions Part 2

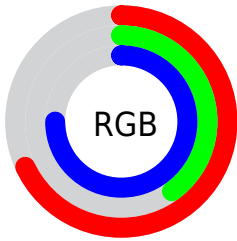
Format	Color
RYB	173, 102, 191
Decimal	11364031
CIELab	54.18, 43.09, -35.23
CIElCh	54, 55.660, 320.727
Yxy	22.1486, 0.2977, 0.2100
Android (android.graphics.Color)	4289554111 (0xFFAD66BF)
YUV	133.3750, 28.4091, 34.7511
Hunter-Lab	47.0623, 36.6944, -32.4549

Details

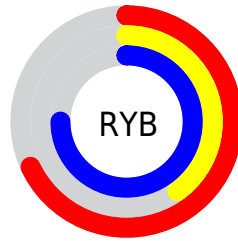
The Hex color **AD66BF** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **78BF66**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **E69BF8**, and **773389** is the 20% darker color. If you saturate the color by 10%, you get **A953BF**, and if you desaturate by 10%, it is **B179BF**.

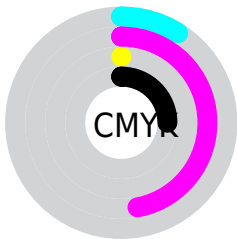
Distribution



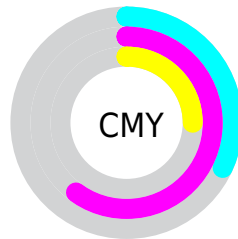
- Red (68%)
- Green (40%)
- Blue (75%)



- Red (68%)
- Yellow (40%)
- Blue (75%)



- Cyan (9%)
- Magenta (47%)
- Yellow (0%)
- Black (25%)



- Cyan (32%)
- Magenta (60%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color AD66BF 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 AD66BF by changing the saturation by 10% instead.

AD66BF

AD66BF

FFFFFF

914CA4

E69BF8

773389

FFB6FF

5C196F

FFD3FF

430057

FFEFFF

2B003F

0E0028

000112

000000

AD66BF

AD66BF

 A953BF

 B179BF

 A540BF

 B58CBF

 A12DBF

 B99FBF

 9E1ABF

 BCB2BF

 9A07BF

 C0C6BF

 9800BF

 C4D9BF

 C8ECBF

 CCFFBF

 D0FFBF

Harmonies

Analogous

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



667BDC



AD66BF



D15593

Triad

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



AD66BF



A77A18



0098A2

Complementary

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



AD66BF



78BF66

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.



009770



AD66BF



7A891C

Square

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



AD66BF



C86738



3D9341



0095CB

Rectangle

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



AD66BF



D95372



3D9341



009892

Sweetspot

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



AD66BF



F0D5F7



6679BF



79687D



FCFCFC



7D7D7D

Same Dimension

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



AD66BF



DB6DF7



BF66A6



5C555E



7E009E



18001F

Inverse Universe

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



BF6678



F76D89



66BF7F



5E5557



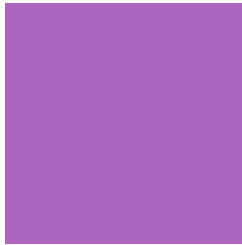
9E0020



1F0006

Previews

White Background



This preview shows how the Hex color AD66BF looks on a white background.

Color Contrast Check

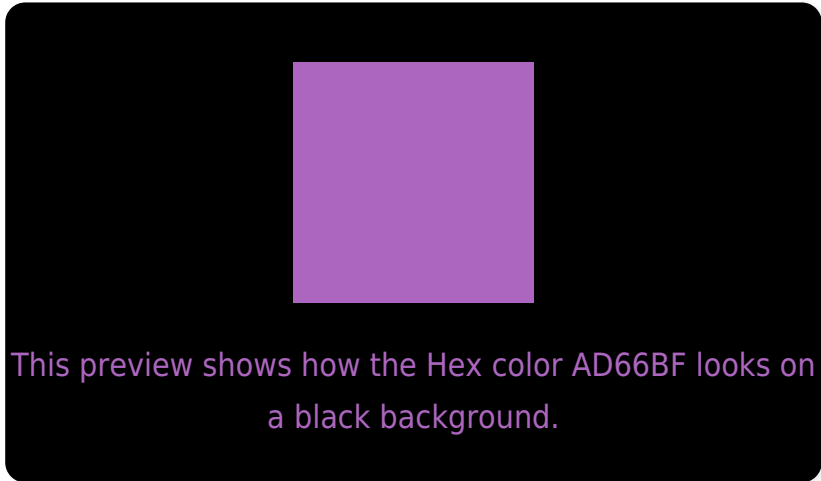
Large Text (above 18pt) WCAG AA ✓ Pass

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

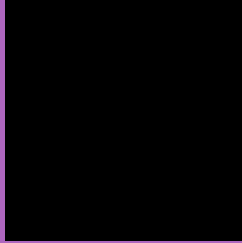
Any Text WCAG AA ✓ Pass

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 AD66BF Background



This preview shows how black text looks on a background with the Hex color AD66BF.

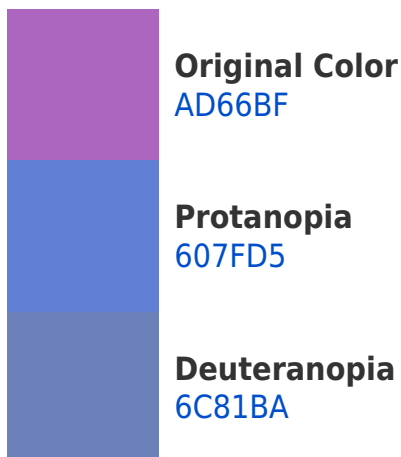


This preview shows how white text looks on a background with the Hex color AD66BF.

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](#).

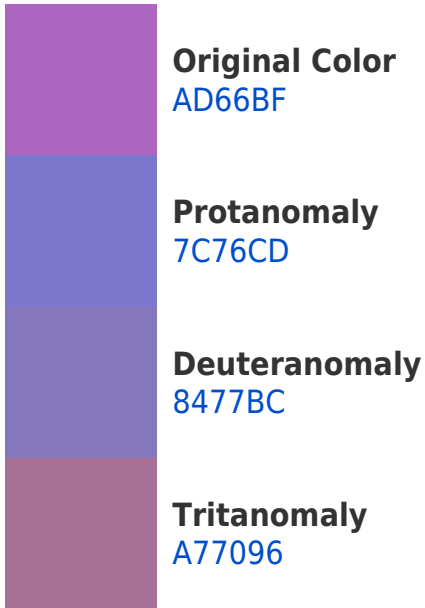
Dichromacy



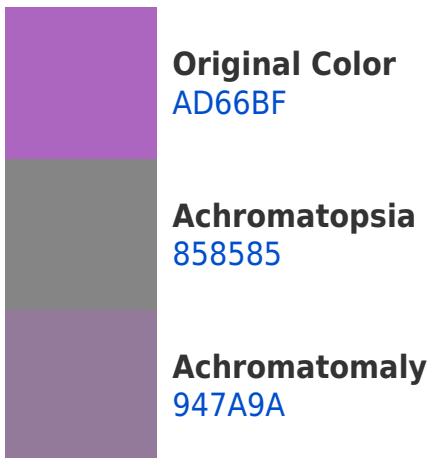


Tritanopia
A4757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AD66BF 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 #AD66BF looks like.

```
.text, #text, p{  
    color:#AD66BF  
}
```

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 #AD66BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD66BF
}
```

Border

The CSS property to change the border of an element to Hex AD66BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

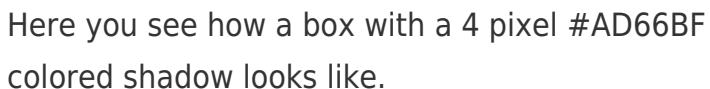
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AD66BF }
```

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

```
.border{ border-color:#AD66BF }
```

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



Here you see how a box with a 4 pixel #AD66BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD66BF; -webkit-box-shadow:4px 4px  
4px 4px #AD66BF; box-shadow:4px 4px 4px  
4px #AD66BF }
```

Background

The CSS property to change the background color of an element to Hex AD66BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD66BF }
```

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

```
.background{ background-color:#AD66BF }
```

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