

# Converting Colors

Hex(A186DB)

Have a look what the booklet for  
Hex(A186DB) contains.

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**Color**

**Hex(A186DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A186DB
RGB	161, 134, 219
RGB Percent	63%, 53%, 86%
CMY	0.3686, 0.4745, 0.1412
CMYK	0.26, 0.39, 0.00, 0.14
HSL	259°, 54%, 69%
HSV	259°, 39%, 86%
XYZ	36.0092, 29.7417, 70.8607
YIQ	151.7630, -11.1930, 32.1590

# Conversions

## Conversions Part 2

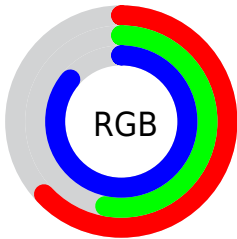
Format	Color
R <sub>Y</sub> B	161, 134, 219
Decimal	10585819
CIE Lab	61.43, 28.04, -39.82
CIE LCh	61, 48.700, 305.155
Yxy	29.7417, 0.2636, 0.2177
Android (android.graphics.Color)	4288775899 (0xFFFA186DB)
YUV	151.7630, 33.1478, 8.1008
Hunter-Lab	54.5360, 22.4227, -38.8626

# Details

The Hex color **A186DB** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **C0DB86**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **D9BBFF**, and **6B54A4** is the 20% darker color. If you saturate the color by 10%, you get **9270DB**, and if you desaturate by 10%, it is **B09CDB**.

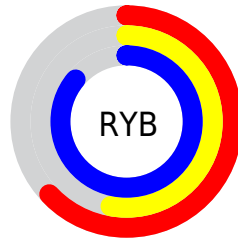
# Distribution



Red (63%)

Green (53%)

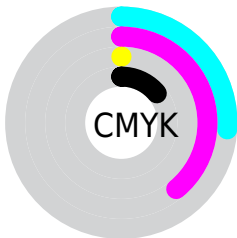
Blue (86%)



Red (63%)

Yellow (53%)

Blue (86%)

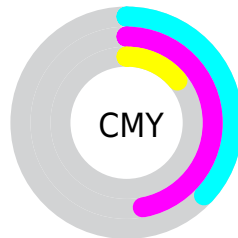


Cyan (26%)

Magenta (39%)

Yellow (0%)

Black (14%)



Cyan (37%)

Magenta (47%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A186DB 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 A186DB by changing the saturation by 10% instead.



 A186DB

 A186DB

FFFFFF

 866DBF

 D9BBFF

 6B54A4

 F6D7FF

 513C89

 FFF4FF

 37266F

 1C1156

 05003F

 000328

 000111

 000000

 A186DB

 A186DB

 9270DB

 B09CDB

 835ADB

 BFB2DB

 7444DB

 CEC8DB

 652EDB

 DDEDEB

 5619DB

 ECF4DB

 4703DB

 FBFFDB

 4600DB

 FFFFDB

# Harmonies

## Analogous

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



5396EA



A186DB



CF76B9

# Triad

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



A186DB



CA8546



00AA9B

# Complementary

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



A186DB



C0DB86

# 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.



3BA76E



A186DB



A6943A

# Square

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



A186DB



E07665



79A04B



00A9C5

# Rectangle

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



A186DB



E0709D



79A04B



00A98C



# Sweetspot

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



A186DB



EAE0FF



86C0DB



736E80



000000



808080



# Same Dimension

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



A186DB



AD87FF



CB86DB



66636E



3700AD



0F002E



# Inverse Universe

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



DB86C0



FF87D9



96DB86



6E636A



AD0076

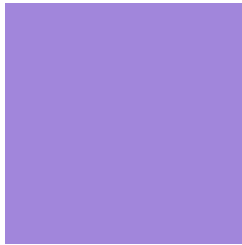


2E001F



# Previews

## White Background



This preview shows how the Hex color A186DB looks on a white background.

## Color Contrast Check

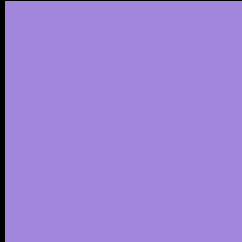
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color A186DB looks on a 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 A186DB Background



This preview shows how black text looks on a background with the Hex color A186DB.

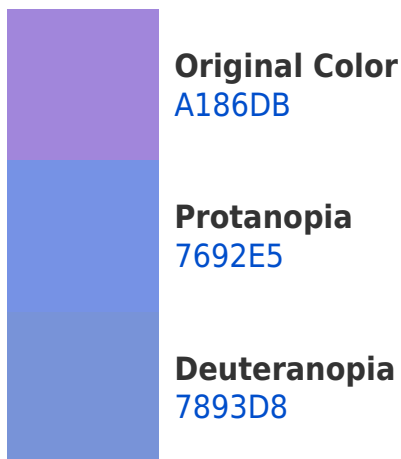


This preview shows how white text looks on a background with the Hex color A186DB.

# 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](#).

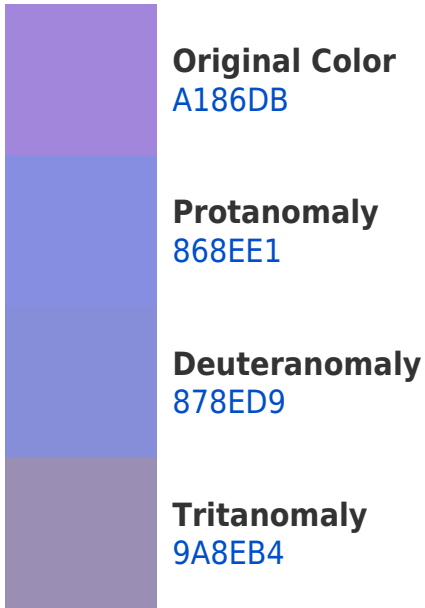
## Dichromacy



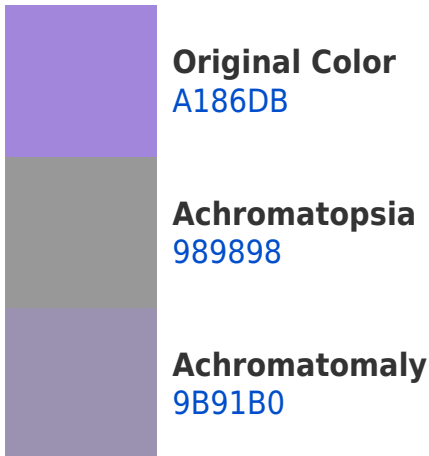


**Tritanopia**  
96939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A186DB 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 #A186DB looks like.

```
.text, #text, p{  
    color:#A186DB  
}
```

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 #A186DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A186DB
}
```

## Border

The CSS property to change the border of an element to Hex A186DB 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".

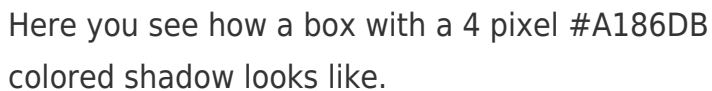
```
.border, #border, table{ border:4px solid
#A186DB }
```

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

```
.border{ border-color:#A186DB }
```

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

Here you see how a box with a 4 pixel #A186DB colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is slightly offset to the right, creating a shadow effect. The shadow is a solid purple color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A186DB; -webkit-box-shadow:4px 4px  
4px 4px #A186DB; box-shadow:4px 4px 4px  
4px #A186DB }
```

# Background

The CSS property to change the background color of an element to Hex A186DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A186DB }
```

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

```
.background{ background-color:#A186DB }
```

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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