

Converting Colors

Hex(A106D3)

Have a look what the booklet for
Hex(A106D3) contains.

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Color

Hex(A106D3)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A106D3 |
| RGB | 161, 6, 211 |
| RGB Percent | 63%, 2%, 83% |
| CMY | 0.3686, 0.9765, 0.1725 |
| CMYK | 0.24, 0.97, 0.00, 0.17 |
| HSL | 285°, 94%, 43% |
| HSV | 285°, 97%, 83% |
| XYZ | 26.5209, 12.4105, 62.6257 |
| YIQ | 75.7150, 26.5750, 96.6150 |

Conversions

Conversions Part 2

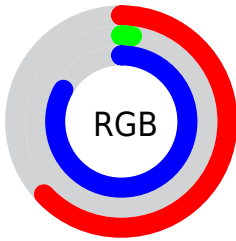
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 161, 6, 211 |
| Decimal | 10553043 |
| CIELab | 41.86, 77.33, -66.57 |
| CIElCh | 42, 102.031, 319.277 |
| Yxy | 12.4105, 0.2611, 0.1222 |
| Android (android.graphics.Color) | 4288743123 (0xFFA106D3) |
| YUV | 75.7150, 66.6955, 74.7949 |
| Hunter-Lab | 35.2285, 72.7297, -80.7399 |

Details

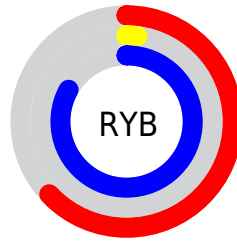
The Hex color **A106D3** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **38D306**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **DD57FF**, and **66009B** is the 20% darker color. If you saturate the color by 10%, you get **A000D3**, and if you desaturate by 10%, it is **A61BD3**.

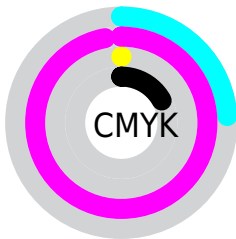
Distribution



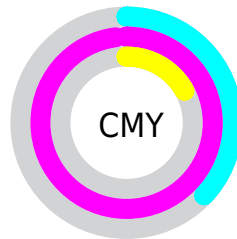
- Red (63%)
- Green (2%)
- Blue (83%)



- Red (63%)
- Yellow (2%)
- Blue (83%)



- Cyan (24%)
- Magenta (97%)
- Yellow (0%)
- Black (17%)



- Cyan (37%)
- Magenta (98%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color A106D3 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 A106D3 by changing the saturation by 10% instead.

 A106D3

 A106D3

FFFFFF

 8400B7

 DD57FF

 66009B

 FB74FF

 490080

 FF91FF

 2C0066

 FFAEFF

 00004D

 FFC0FF

 000535

 FFE9FF

 00021F

 000002

 000000

■ A106D3

■ A106D3

■ A000D3

■ A61BD3

■ AB30D3

■ B045D3

■ B65AD3

■ BB70D3

■ C085D3

■ C59AD3

■ CAAFD3

■ CFC4D3

Harmonies

Analogous

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



005DFF



A106D3



E00085

Triad

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



A106D3



925500



008199

Complementary

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



A106D3



38D306

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.



007F40



A106D3



436F00

Square

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



A106D3



C90100



007A00



0081E4

Rectangle

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



A106D3



EB004E



007A00



00807C

Sweetspot

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



A106D3



EDB5FF



0639D3



755380



000000



808080

Same Dimension

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



A106D3



C100FF



D306A0



665E69



7F00A8



1F0029

Inverse Universe

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



D30638



FF003E



06D339



695E61



A80029



29000A

Previews

White Background



This preview shows how the Hex color A106D3 looks on a white background.

Color Contrast Check

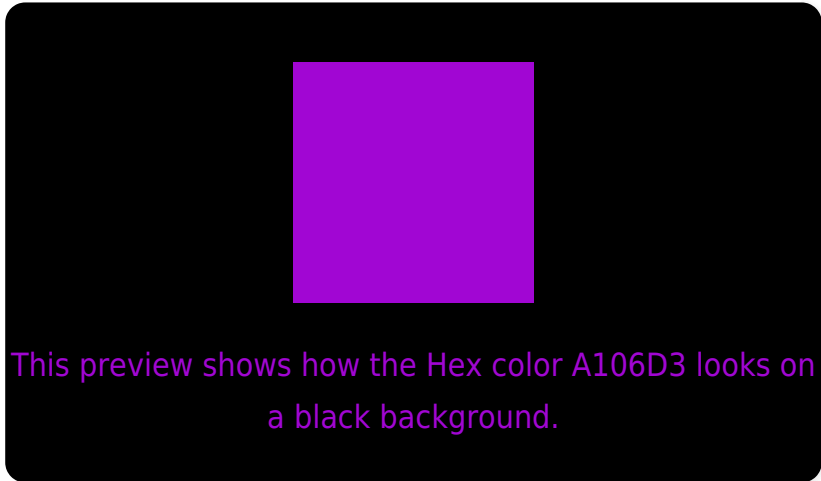
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

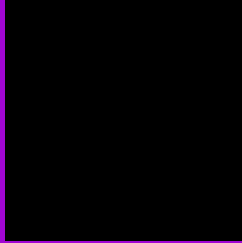
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex A106D3 Background



This preview shows how black text looks on a background with the Hex color A106D3.

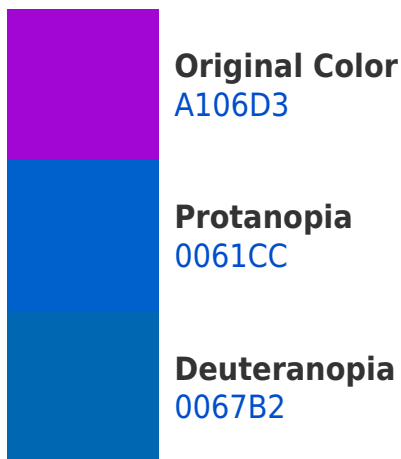


This preview shows how white text looks on a background with the Hex color A106D3.

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
8E5359

Trichromacy



Original Color
A106D3



Protanomaly
3B40CF



Deuteranomaly
3B44BE



Tritanomaly
953785

Monochromacy



Original Color
A106D3



Achromatopsia
4C4C4C



Achromatomaly
6B337D

CSS Examples

Text

The CSS property to change the color of the text to Hex A106D3 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 #A106D3 looks like.

```
.text, #text, p{  
    color:#A106D3  
}
```

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 #A106D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A106D3
}
```

Border

The CSS property to change the border of an element to Hex A106D3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

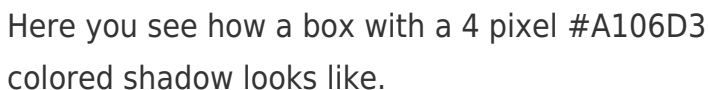
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A106D3 }
```

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

```
.border{ border-color:#A106D3 }
```

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



Here you see how a box with a 4 pixel `#A106D3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A106D3; -webkit-box-shadow:4px 4px  
4px 4px #A106D3; box-shadow:4px 4px 4px  
4px #A106D3 }
```

Background

The CSS property to change the background color of an element to Hex A106D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A106D3 }
```

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

```
.background{ background-color:#A106D3 }
```

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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