

# Converting Colors

Hex(A200C3)

Have a look what the booklet for  
Hex(A200C3) contains.

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**Color**

**Hex(A200C3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A200C3
RGB	162, 0, 195
RGB Percent	64%, 0%, 76%
CMY	0.3647, 1.0000, 0.2353
CMYK	0.17, 1.00, 0.00, 0.24
HSL	290°, 100%, 38%
HSV	290°, 100%, 76%
XYZ	24.7506, 11.6215, 52.5684
YIQ	70.6680, 33.9570, 94.9890

# Conversions

## Conversions Part 2

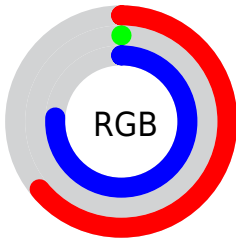
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 0, 195
Decimal	10617027
CIE <sub>Lab</sub>	40.61, 75.29, -59.30
CIE <sub>LCh</sub>	41, 95.837, 321.776
Yxy	11.6215, 0.2783, 0.1307
Android (android.graphics.Color)	4288807107 (0xFFA200C3)
YUV	70.6680, 61.2957, 80.0982
Hunter-Lab	34.0903, 69.9383, -67.5639

# Details

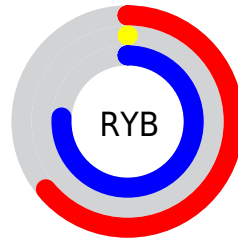
The Hex color **A200C3** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **21C300**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **DD54FD**, and **68008C** is the 20% darker color. If you saturate the color by 10%, you get **A200C3**, and if you desaturate by 10%, it is **A513C3**.

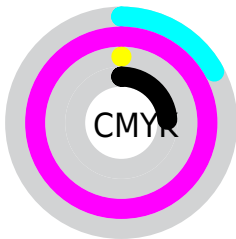
# Distribution



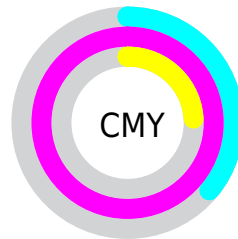
- Red (64%)
- Green (0%)
- Blue (76%)



- Red (64%)
- Yellow (0%)
- Blue (76%)



- Cyan (17%)
- Magenta (100%)
- Yellow (0%)
- Black (24%)



- Cyan (36%)
- Magenta (100%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A200C3 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 A200C3 by changing the saturation by 10% instead.



 A200C3

 A200C3

FFFFFF

 8500A7

 DD54FD

 68008C

 FB72FF

 4C0072

 FF8FFF

 310059

 FFACFF

 0C0040

 FFC9FF

 000329

 FFE7FF

 000113

 000000

 A200C3

 A513C3

 A927C3

 AC3BC3

 AF4EC3

 B262C3

 B675C3

 B988C3

 BC9CC3

 C0B0C3

# Harmonies

## Analogous

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



0056F6



A200C3



D80079

# Triad

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



A200C3



875500



007D99

# Complementary

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



A200C3



21C300

# 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.



007B47



A200C3



3C6C00

# Square

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



A200C3



BD1D00



007700



007CDD

# Rectangle

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



A200C3



DF0046



007700



007C7E



# Sweetspot

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



A200C3



F0B1FC



0024C3



785280



000000



808080



# Same Dimension

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



A200C3



D200FC



C30085



5F5761



8500A1



1C0021



# Inverse Universe

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



C30021



FC002B



00C33E



615759



A1001B



210006



# Previews

## White Background



This preview shows how the Hex color A200C3 looks on a white background.

## Color Contrast Check

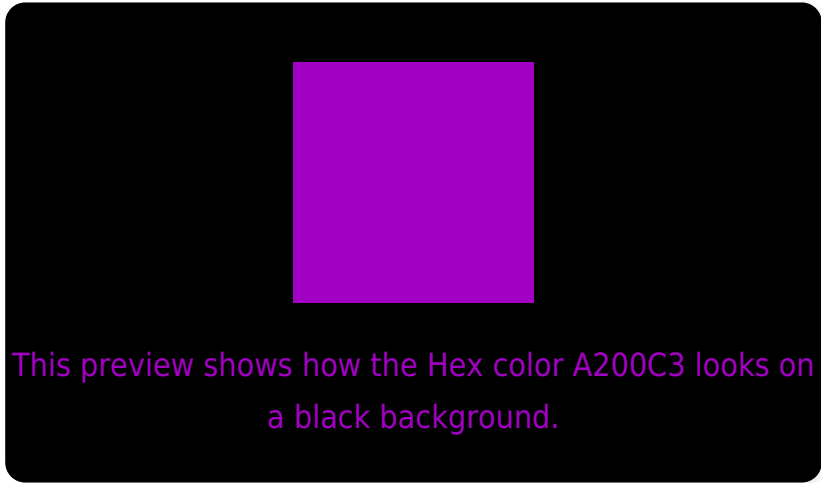
Large Text (above 18pt) WCAG AA ✓ Pass

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

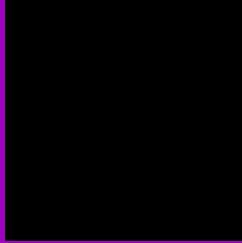
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A200C3 Background



This preview shows how black text looks on a background with the Hex color A200C3.



This preview shows how white text looks on a background with the Hex color A200C3.

# 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**  
934C52

# Trichromacy



**Original Color**  
A200C3



**Protanomaly**  
3B3CC6



**Deuteranomaly**  
3B40B7



**Tritanomaly**  
98307B

# Monochromacy



**Original Color**  
A200C3



**Achromatopsia**  
474747



**Achromatomaly**  
682D74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A200C3 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 #A200C3 looks like.

```
.text, #text, p{  
    color:#A200C3  
}
```

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 #A200C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A200C3
}
```

## Border

The CSS property to change the border of an element to Hex A200C3 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
#A200C3 }
```

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

```
.border{ border-color:#A200C3 }
```

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

Here you see how a box with a 4 pixel #A200C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A200C3; -webkit-box-shadow:4px 4px  
4px 4px #A200C3; box-shadow:4px 4px 4px  
4px #A200C3 }
```

# Background

The CSS property to change the background color of an element to Hex A200C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A200C3 }
```

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

```
.background{ background-color:#A200C3 }
```

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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