

# Converting Colors

Hex(A200C5)

Have a look what the booklet for  
Hex(A200C5) contains.

<b>Hex(A200C5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(A200C5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A200C5
RGB	162, 0, 197
RGB Percent	64%, 0%, 77%
CMY	0.3647, 1.0000, 0.2275
CMYK	0.18, 1.00, 0.00, 0.23
HSL	289°, 100%, 39%
HSV	289°, 100%, 77%
XYZ	24.9783, 11.7126, 53.7676
YIQ	70.8960, 33.3150, 95.6110

# Conversions

## Conversions Part 2

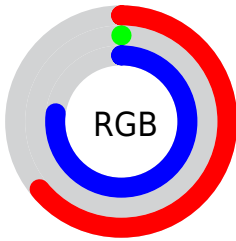
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 0, 197
Decimal	10617029
CIE Lab	40.76, 75.63, -60.23
CIE LCh	41, 96.682, 321.468
Yxy	11.7126, 0.2761, 0.1295
Android (android.graphics.Color)	4288807109 (0xFFA200C5)
YUV	70.8960, 62.1693, 79.8982
Hunter-Lab	34.2237, 70.3878, -69.1918

# Details

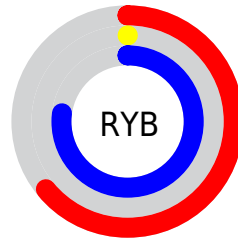
The Hex color **A200C5** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **23C500**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **DD54FF**, and **68008E** is the 20% darker color. If you saturate the color by 10%, you get **A200C5**, and if you desaturate by 10%, it is **A614C5**.

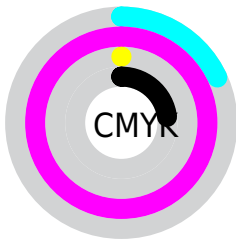
# Distribution



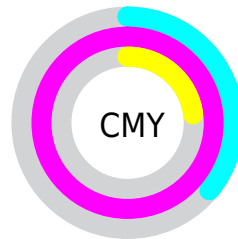
- Red (64%)
- Green (0%)
- Blue (77%)



- Red (64%)
- Yellow (0%)
- Blue (77%)



- Cyan (18%)
- Magenta (100%)
- Yellow (0%)
- Black (23%)



- Cyan (36%)
- Magenta (100%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A200C5 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 A200C5 by changing the saturation by 10% instead.



 A200C5

 A200C5

FFFFFF

 8500A9

 DD54FF

 68008E

 FC72FF

 4B0074

 FF8FFF

 31005A

 FFACFF

 0A0042

 FFC9FF

 00032A

 FFE7FF

 000115

 000000

 A200C5

 A614C5

 A927C5

 AD3BC5

 B04FC5

 B463C5

 B776C5

 BB8AC5

 BE9EC5

 C2B1C5

# Harmonies

## Analogous

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



0057F8



A200C5



D9007A

# Triad

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



A200C5



885500



007D99

# Complementary

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



A200C5



23C500

# 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.



007B46



A200C5



3C6D00

# Square

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



A200C5



BF1B00



007700



007CDE

# Rectangle

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



A200C5



E10047



007700



007D7E



# Sweetspot

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



A200C5



F1B3FF



0024C5



775280



000000



808080



# Same Dimension

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



A200C5



D200FF



C50087



625A63



8600A3



1D0024



# Inverse Universe

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



C50023



FF002D



00C53E



635A5B



A3001D



240006



# Previews

## White Background



This preview shows how the Hex color A200C5 looks on a white background.

## Color Contrast Check

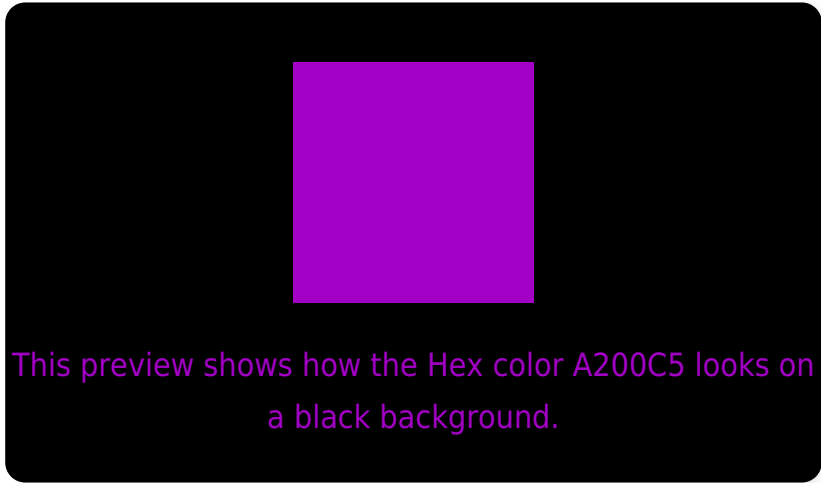
Large Text (above 18pt) WCAG AA ✓ Pass

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

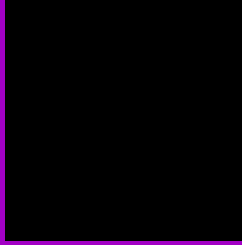
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A200C5 Background



This preview shows how black text looks on a background with the Hex color A200C5.



This preview shows how white text looks on a background with the Hex color A200C5.

# 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](#).

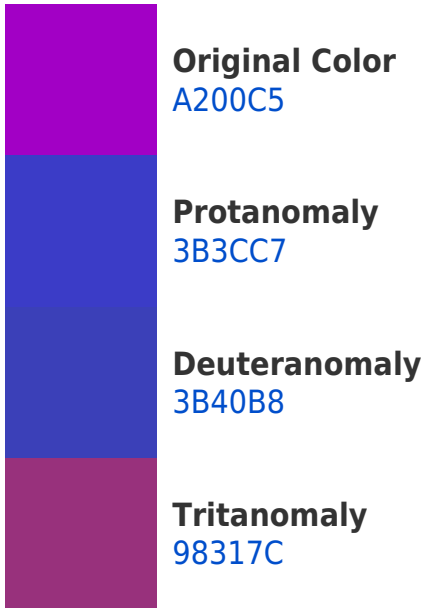
## Dichromacy



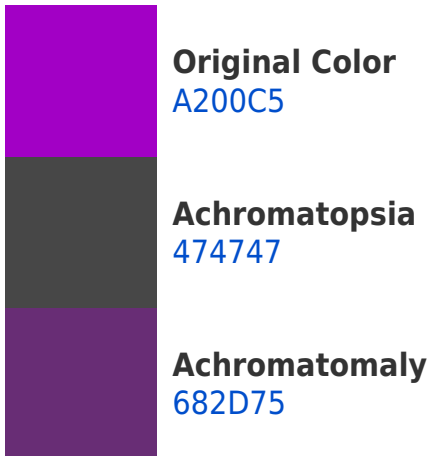


**Tritanopia**  
924D53

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A200C5 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 #A200C5 looks like.

```
.text, #text, p{  
    color:#A200C5  
}
```

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 #A200C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A200C5
}
```

## Border

The CSS property to change the border of an element to Hex A200C5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

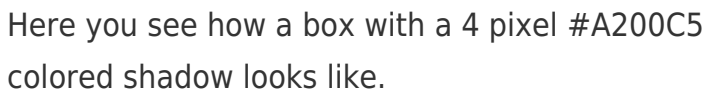
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A200C5 }
```

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

```
.border{ border-color:#A200C5 }
```

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



Here you see how a box with a 4 pixel `#A200C5` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A200C5; -webkit-box-shadow:4px 4px  
4px 4px #A200C5; box-shadow:4px 4px 4px  
4px #A200C5 }
```

# Background

The CSS property to change the background color of an element to Hex A200C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A200C5 }
```

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

```
.background{ background-color:#A200C5 }
```

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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