

# Converting Colors

Hex(B200A9)

Have a look what the booklet for  
Hex(B200A9) contains.

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**Color**

**Hex(B200A9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B200A9
RGB	178, 0, 169
RGB Percent	70%, 0%, 66%
CMY	0.3020, 1.0000, 0.3373
CMYK	0.00, 1.00, 0.05, 0.30
HSL	303°, 100%, 35%
HSV	303°, 100%, 70%
XYZ	25.5215, 12.3296, 38.5708
YIQ	72.4880, 51.8390, 90.2950

# Conversions

## Conversions Part 2

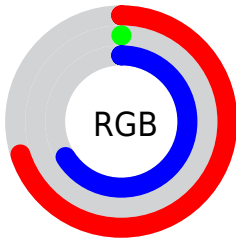
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 0, 169
Decimal	11665577
CIE <sub>Lab</sub>	41.74, 73.71, -41.97
CIE <sub>LCh</sub>	42, 84.824, 330.344
Yxy	12.3296, 0.3340, 0.1613
Android (android.graphics.Color)	4289855657 (0xFFB200A9)
YUV	72.4880, 47.5804, 92.5340
Hunter-Lab	35.1135, 68.2907, -40.5484

# Details

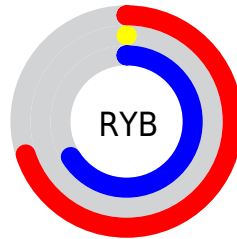
The Hex color **B200A9** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **00B209**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **ED56E1**, and **780074** is the 20% darker color. If you saturate the color by 10%, you get **B200A9**, and if you desaturate by 10%, it is **B212AA**.

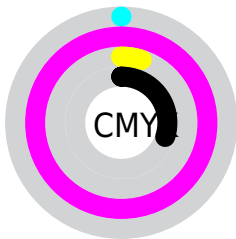
# Distribution



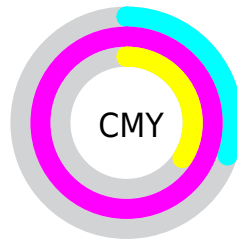
- Red (70%)
- Green (0%)
- Blue (66%)



- Red (70%)
- Yellow (0%)
- Blue (66%)



- Cyan (0%)
- Magenta (100%)
- Yellow (5%)
- Black (30%)



- Cyan (30%)
- Magenta (100%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B200A9 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 B200A9 by changing the saturation by 10% instead.



 B200A9

 B200A9

FFFFFF

 95008E

 ED56E1

 780074

 FF73FE

 5C005B

 FF91FF

 420043

 FFAEFF

 25002C

 FFCBFF

 000115

 FFE9FF

 000000

 B200A9

 B212AA

 B224AB

 B235AC

 B247AD

 B259AE

 B26BAE

 B27DAF

 B28EB0

 B2A0B1

# Harmonies

## Analogous

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



4C4FDE



B200A9



D40065

# Triad

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



B200A9



786100



007EA8

# Complementary

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



B200A9



00B209

# 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.



007D61



B200A9



2D7200

# Square

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



B200A9



AD3F00



00790E



007ADE

# Rectangle

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



B200A9



D40038



00790E



007E92



# Sweetspot

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



B200A9



E8A2E5



0900B2



754B73



F5F5F5



757575



# Same Dimension

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



B200A9



E800DC



B20050



595059



990091



1A0018



# Inverse Universe

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



B200A9



E800DC



00B262



595059



990091



1A0018



# Previews

## White Background



This preview shows how the Hex color B200A9 looks on a white background.

## Color Contrast Check

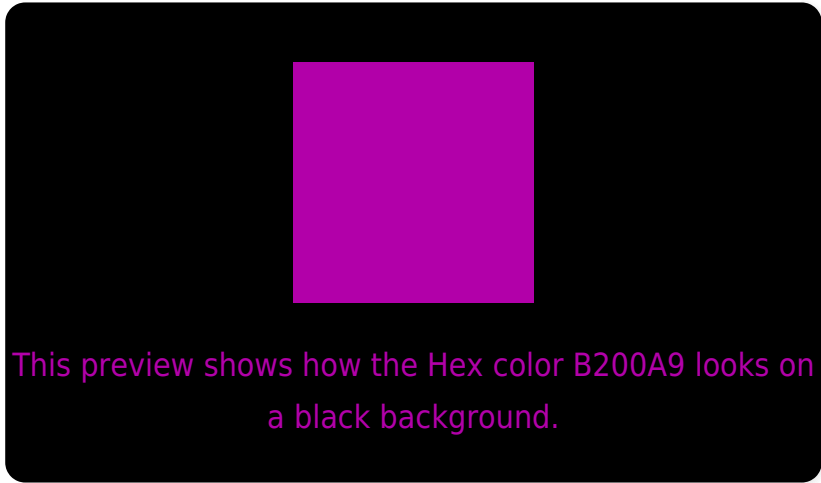
Large Text (above 18pt) WCAG AA ✓ Pass

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

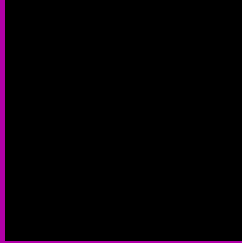
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B200A9 Background



This preview shows how black text looks on a background with the Hex color B200A9.



This preview shows how white text looks on a background with the Hex color B200A9.

# 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**  
A84247

# Trichromacy



**Original Color**  
B200A9



**Protanomaly**  
413EC1



**Deuteranomaly**  
6D40A3



**Tritanomaly**  
AC2A6B

# Monochromacy



**Original Color**  
B200A9



**Achromatopsia**  
484848



**Achromatomaly**  
6F2E6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B200A9 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 #B200A9 looks like.

```
.text, #text, p{  
    color:#B200A9  
}
```

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 #B200A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B200A9
}
```

## Border

The CSS property to change the border of an element to Hex B200A9 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
#B200A9 }
```

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

```
.border{ border-color:#B200A9 }
```

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

Here you see how a box with a 4 pixel #B200A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B200A9; -webkit-box-shadow:4px 4px  
4px 4px #B200A9; box-shadow:4px 4px 4px  
4px #B200A9 }
```

# Background

The CSS property to change the background color of an element to Hex B200A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B200A9 }
```

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

```
.background{ background-color:#B200A9 }
```

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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