

# Converting Colors

Hex(9200C1)

Have a look what the booklet for  
Hex(9200C1) contains.

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**Color**

**Hex(9200C1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9200C1
RGB	146, 0, 193
RGB Percent	57%, 0%, 76%
CMY	0.4275, 1.0000, 0.2431
CMYK	0.24, 1.00, 0.00, 0.24
HSL	285°, 100%, 38%
HSV	285°, 100%, 76%
XYZ	21.4797, 9.9612, 51.2427
YIQ	65.6560, 25.0630, 90.9750

# Conversions

## Conversions Part 2

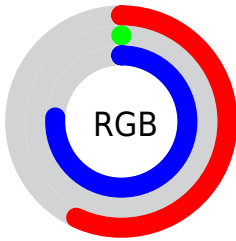
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 0, 193
Decimal	9568449
CIE <sub>Lab</sub>	37.77, 72.78, -62.86
CIE <sub>LCh</sub>	38, 96.163, 319.183
Yxy	9.9612, 0.2598, 0.1205
Android (android.graphics.Color)	4287758529 (0xFF9200C1)
YUV	65.6560, 62.7806, 70.4617
Hunter-Lab	31.5614, 66.2488, -74.1693

# Details

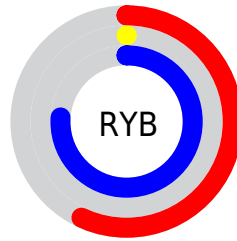
The Hex color **9200C1** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **2FC100**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **CD51FB**, and **58008A** is the 20% darker color. If you saturate the color by 10%, you get **9200C1**, and if you desaturate by 10%, it is **9713C1**.

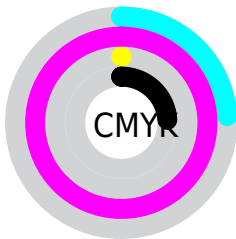
# Distribution



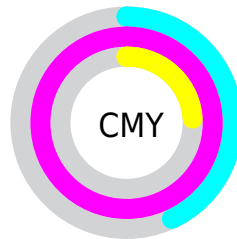
- Red (57%)
- Green (0%)
- Blue (76%)



- Red (57%)
- Yellow (0%)
- Blue (76%)



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



- Cyan (43%)
- Magenta (100%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9200C1 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 9200C1 by changing the saturation by 10% instead.



 9200C1

 9200C1

FFFFFF

 7500A5

 CD51FB

 58008A

 EB6EFF

 3B0070

 FF8AFF

 1E0057

 FFA7FF

 00003E

 FFC4FF

 000327

 FFE1FF

 000110

 000000

 9200C1

 9713C1

 9B27C1

 A03AC1

 A54DC1

 AA61C1

 AE74C1

 B387C1

 B89AC1

 BCAEC1

# Harmonies

## Analogous

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



0053F1



9200C1



CD0079

# Triad

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



9200C1



844C00



00758B

# Complementary

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



9200C1



2FC100

# 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.



007339



9200C1



3C6400

# Square

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



9200C1



B80000



006E00



0075D0

# Rectangle

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



9200C1



D60046



006E00



007470



# Sweetspot

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



9200C1



E8AFFA



0030C1



72507D



FCFCFC



7D7D7D



# Same Dimension

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



9200C1



BD00FA



C10091



5F5761



7A00A1



190021



# Inverse Universe

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



C1002F



FA003D



00C130



61575A



A10027



210008



# Previews

## White Background



This preview shows how the Hex color 9200C1 looks on a white background.

## Color Contrast Check

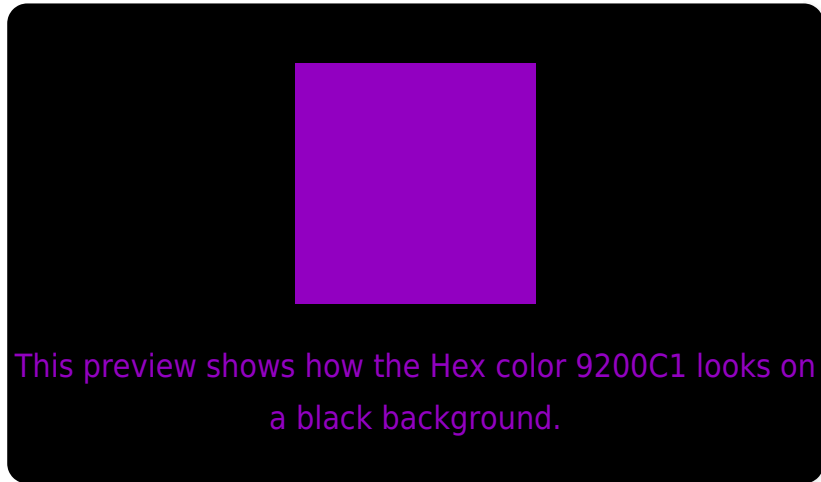
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

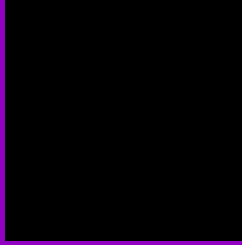
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9200C1 Background



This preview shows how black text looks on a background with the Hex color 9200C1.

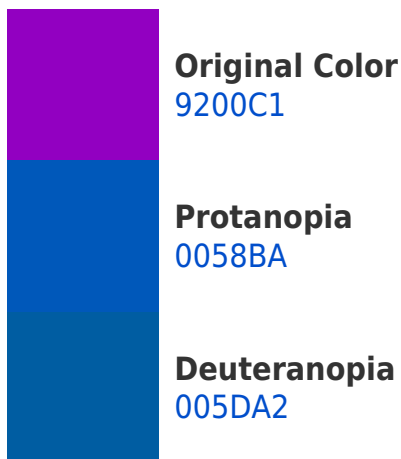


This preview shows how white text looks on a background with the Hex color 9200C1.

# 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**  
814C51

# Trichromacy



**Original Color**  
9200C1



**Protanomaly**  
3538BD



**Deuteranomaly**  
353BAD



**Tritanomaly**  
87307A

# Monochromacy



**Original Color**  
9200C1



**Achromatopsia**  
424242



**Achromatomaly**  
5F2A70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9200C1 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 #9200C1 looks like.

```
.text, #text, p{  
    color:#9200C1  
}
```

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 #9200C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9200C1
}
```

## Border

The CSS property to change the border of an element to Hex 9200C1 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".

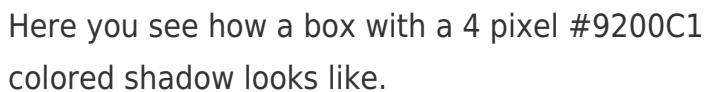
```
.border, #border, table{ border:4px solid
#9200C1 }
```

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

```
.border{ border-color:#9200C1 }
```

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

Here you see how a box with a 4 pixel #9200C1 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9200C1; -webkit-box-shadow:4px 4px  
4px 4px #9200C1; box-shadow:4px 4px 4px  
4px #9200C1 }
```

# Background

The CSS property to change the background color of an element to Hex 9200C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9200C1 }
```

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

```
.background{ background-color:#9200C1 }
```

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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