

Converting Colors

Hex(9B20C0)

Have a look what the booklet for
Hex(9B20C0) contains.

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Color

Hex(9B20C0)

Conversions

Conversions Part 1

Format	Color
Hex	9B20C0
RGB	155, 32, 192
RGB Percent	61%, 13%, 75%
CMY	0.3922, 0.8745, 0.2471
CMYK	0.19, 0.83, 0.00, 0.25
HSL	286°, 71%, 44%
HSV	286°, 83%, 75%
XYZ	23.5485, 11.8074, 50.9071
YIQ	87.0170, 21.9480, 75.8360

Conversions

Conversions Part 2

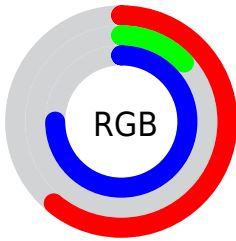
Format	Color
RYB	155, 32, 192
Decimal	10166464
CIELab	40.91, 68.74, -57.11
CIELCh	41, 89.369, 320.280
Yxy	11.8074, 0.2730, 0.1369
Android (android.graphics.Color)	4288356544 (0xFF9B20C0)
YUV	87.0170, 51.7566, 59.6211
Hunter-Lab	34.3618, 62.1946, -63.7849

Details

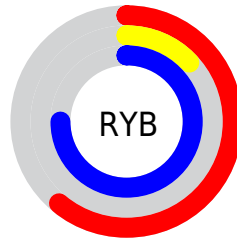
The Hex color **9B20C0** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **45C020**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **D55EF9**, and **620089** is the 20% darker color. If you saturate the color by 10%, you get **970DC0**, and if you desaturate by 10%, it is **9F33C0**.

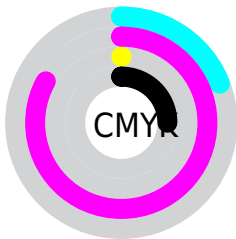
Distribution



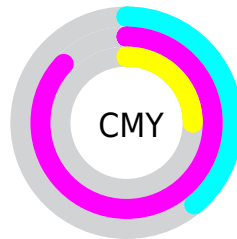
- Red (61%)
- Green (13%)
- Blue (75%)



- Red (61%)
- Yellow (13%)
- Blue (75%)



- Cyan (19%)
- Magenta (83%)
- Yellow (0%)
- Black (25%)



- Cyan (39%)
- Magenta (87%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B20C0 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 9B20C0 by changing the saturation by 10% instead.

 9B20C0

 9B20C0

FFFFFF

 7E00A4

 D55EF9

 620089

 F37BFF

 46006F

 FF97FF

 2C0056

 FFB4FF

 04003E

 FFD1FF

 000327

 FFEEFF

 000110

 000000

 9B20C0

 9B20C0

■ 970DC0

■ 9F33C0

■ 9400C0

■ A446C0

■ A85AC0

■ AD6DC0

■ B180C0

■ B693C0

■ BAA6C0

■ BFBAC0

■ C3CDC0

Harmonies

Analogous

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



0059EE



9B20C0



D0007C

Triad

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



9B20C0



8A5500



007C92

Complementary

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



9B20C0



45C020

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.



007A45



9B20C0



466C00

Square

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



9B20C0



BB2400



007600



007BD2

Rectangle

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



9B20C0



D9004C



007600



007C79

Sweetspot

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



9B20C0



EBBBFA



2045C0



74577D



FCFCFC



7D7D7D

Same Dimension

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



9B20C0



C000FA



C02095



5F5761



7B00A1



190021

Inverse Universe

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



C02045



FA003A



20C04B



615759



A10025



210008

Previews

White Background



This preview shows how the Hex color 9B20C0 looks on a white background.

Color Contrast Check

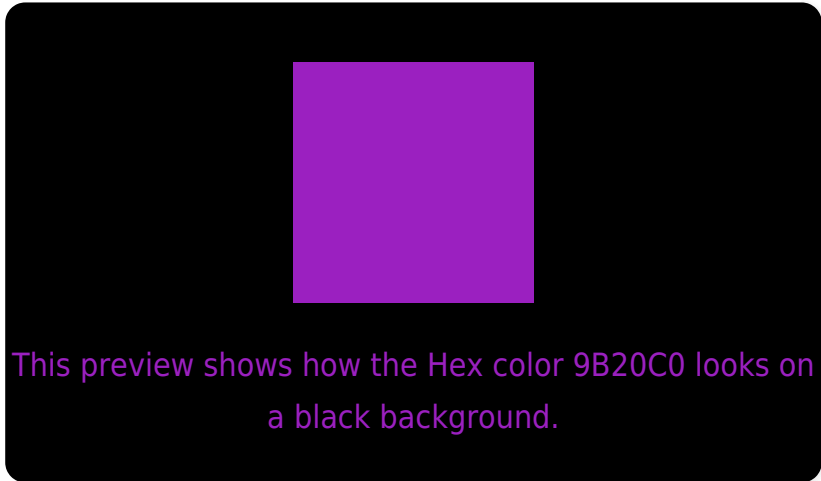
Large Text (above 18pt) WCAG AA ✓ Pass

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

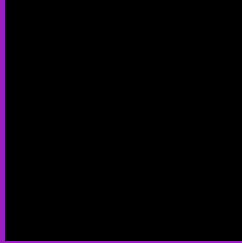
Any Text WCAG AA × Fail

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 9B20C0 Background



This preview shows how black text looks on a background with the Hex color 9B20C0.



This preview shows how white text looks on a background with the Hex color 9B20C0.

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



Original Color
9B20C0

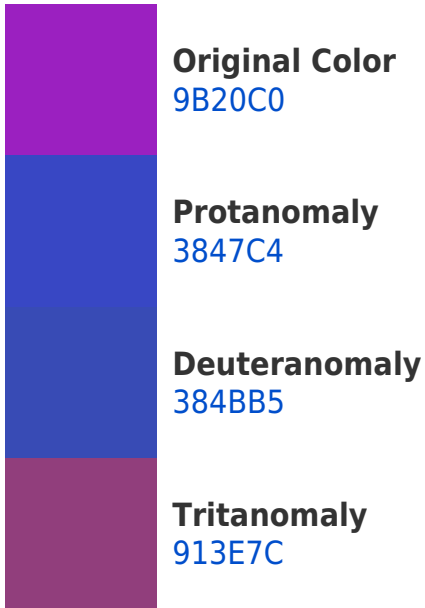
Protanopia
005EC6

Deuteranopia
0063AF

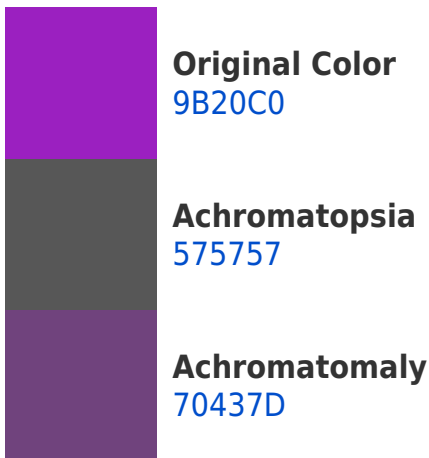


Tritanopia
8C4F55

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B20C0 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 #9B20C0 looks like.

```
.text, #text, p{  
    color:#9B20C0  
}
```

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 #9B20C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B20C0
}
```

Border

The CSS property to change the border of an element to Hex 9B20C0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

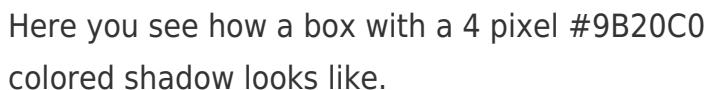
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B20C0 }
```

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

```
.border{ border-color:#9B20C0 }
```

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



Here you see how a box with a 4 pixel #9B20C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B20C0; -webkit-box-shadow:4px 4px  
4px 4px #9B20C0; box-shadow:4px 4px 4px  
4px #9B20C0 }
```

Background

The CSS property to change the background color of an element to Hex 9B20C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B20C0 }
```

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

```
.background{ background-color:#9B20C0 }
```

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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