

# Converting Colors

Hex(9D20A8)

Have a look what the booklet for  
Hex(9D20A8) contains.

<b>Hex(9D20A8)</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(9D20A8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D20A8
RGB	157, 32, 168
RGB Percent	62%, 13%, 66%
CMY	0.3843, 0.8745, 0.3412
CMYK	0.07, 0.81, 0.00, 0.34
HSL	295°, 68%, 39%
HSV	295°, 81%, 66%
XYZ	21.4890, 11.0283, 38.0419
YIQ	84.8790, 30.8440, 68.7960

# Conversions

## Conversions Part 2

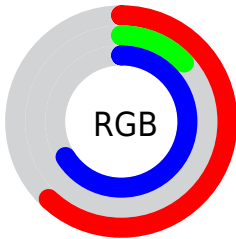
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 32, 168
Decimal	10297512
CIE <sub>Lab</sub>	39.63, 64.82, -44.95
CIE <sub>LCh</sub>	40, 78.885, 325.260
Yxy	11.0283, 0.3046, 0.1563
Android (android.graphics.Color)	4288487592 (0xFF9D20A8)
YUV	84.8790, 40.9787, 63.2501
Hunter-Lab	33.2088, 57.3896, -44.6725

# Details

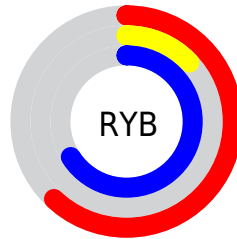
The Hex color **9D20A8** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **2BA820**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **D75DE0**, and **650073** is the 20% darker color. If you saturate the color by 10%, you get **9C0FA8**, and if you desaturate by 10%, it is **9E31A8**.

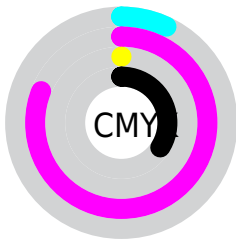
# Distribution



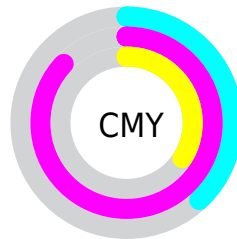
- Red (62%)
- Green (13%)
- Blue (66%)



- Red (62%)
- Yellow (13%)
- Blue (66%)



- Cyan (7%)
- Magenta (81%)
- Yellow (0%)
- Black (34%)



- Cyan (38%)
- Magenta (87%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D20A8 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 9D20A8 by changing the saturation by 10% instead.



9D20A8

9D20A8

FFFFFF

81008D

D75DE0

650073

F57AFD

4A005A

FF96FF

320042

FFB2FF

0F002B

FFCFFF

000115

FFECFF

000000

9D20A8

9D20A8

9C0FA8

9E31A8

■ 9A00A8

■ A042A8

■ A152A8

■ A263A8

■ A474A8

■ A585A8

■ A796A8

■ A8A6A8

■ A9B7A8

# Harmonies

## Analogous

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



2351D4



9D20A8



C4006B

# Triad

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



9D20A8



7B5800



007793

# Complementary

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



9D20A8



2BA820

# 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.



007651



9D20A8



3D6900

# Square

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



9D20A8



A93600



007200



0074C8

# Rectangle

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



9D20A8



C80040



007200



00777E



# Sweetspot

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



9D20A8



D7A7DB



202BA8



6B4E6E



EDEDED



6E6E6E



# Same Dimension

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



9D20A8



CA07DB



A8206F



534C54



880094



130014



# Inverse Universe

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



A8202B



DB0718



20A859



544C4C



94000C



140002



# Previews

## White Background



This preview shows how the Hex color 9D20A8 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

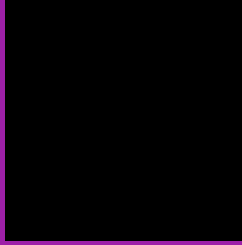
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9D20A8 Background



This preview shows how black text looks on a background with the Hex color 9D20A8.

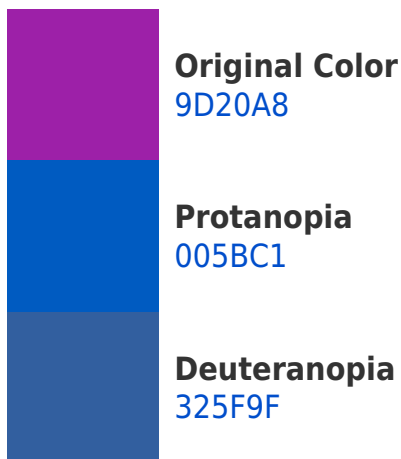


This preview shows how white text looks on a background with the Hex color 9D20A8.

# 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**  
92474C

# Trichromacy



**Original Color**  
9D20A8



**Protanomaly**  
3946B8



**Deuteranomaly**  
5948A2



**Tritanomaly**  
96396D

# Monochromacy



**Original Color**  
9D20A8



**Achromatopsia**  
555555



**Achromatomaly**  
6F4273

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D20A8 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 #9D20A8 looks like.

```
.text, #text, p{  
    color:#9D20A8  
}
```

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 #9D20A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D20A8 }  
}
```

## Border

The CSS property to change the border of an element to Hex 9D20A8 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 #9D20A8 }  
}
```

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

```
.border{ border-color:#9D20A8 }
```

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

Here you see how a box with a 4 pixel #9D20A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D20A8; -webkit-box-shadow:4px 4px  
4px 4px #9D20A8; box-shadow:4px 4px 4px  
4px #9D20A8 }
```

# Background

The CSS property to change the background color of an element to Hex 9D20A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D20A8 }
```

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

```
.background{ background-color:#9D20A8 }
```

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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