

Converting Colors

Hex(9C00D4)

Have a look what the booklet for
Hex(9C00D4) contains.

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Color

Hex(9C00D4)

Conversions

Conversions Part 1

Format	Color
Hex	9C00D4
RGB	156, 0, 212
RGB Percent	61%, 0%, 83%
CMY	0.3882, 1.0000, 0.1686
CMYK	0.26, 1.00, 0.00, 0.17
HSL	284°, 100%, 42%
HSV	284°, 100%, 83%
XYZ	25.5940, 11.8214, 63.2202
YIQ	70.8120, 24.9240, 99.0040

Conversions

Conversions Part 2

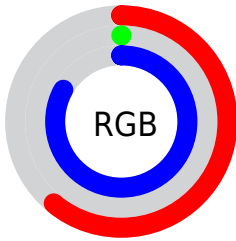
Format	Color
R_{YB}	156, 0, 212
Decimal	10223828
CIE _{Lab}	40.93, 77.48, -68.69
CIE _{LCh}	41, 103.551, 318.441
Yxy	11.8214, 0.2543, 0.1175
Android (android.graphics.Color)	4288413908 (0xFF9C00D4)
YUV	70.8120, 69.6057, 74.7099
Hunter-Lab	34.3822, 72.7056, -84.9516

Details

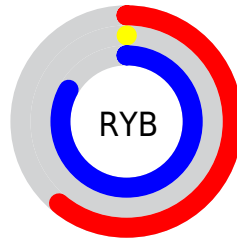
The Hex color **9C00D4** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **38D400**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **D854FF**, and **61009C** is the 20% darker color. If you saturate the color by 10%, you get **9C00D4**, and if you desaturate by 10%, it is **A215D4**.

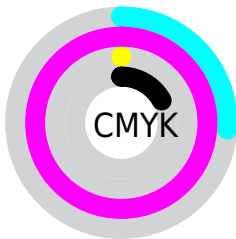
Distribution



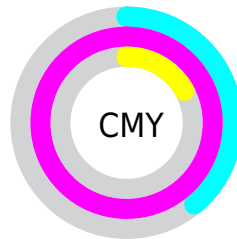
- Red (61%)
- Green (0%)
- Blue (83%)



- Red (61%)
- Yellow (0%)
- Blue (83%)



- Cyan (26%)
- Magenta (100%)
- Yellow (0%)
- Black (17%)



- Cyan (39%)
- Magenta (100%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C00D4 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 9C00D4 by changing the saturation by 10% instead.

 9C00D4

 9C00D4

FFFFFF

 7F00B8

 D854FF

 61009C

 F672FF

 430081

 FF8FFF

 250067

 FFACFF

 00004E

 FFC9FF

 000536

 FFE7FF

 000220

 000003

 000000

 9C00D4

 A215D4

 A72AD4

 AD40D4

 B255D4

 B86AD4

 BE7FD4

 C394D4

 C9AAD4

 CEBFD4

Harmonies

Analogous

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



005CFF



9C00D4



DE0085

Triad

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



9C00D4



915100



007F95

Complementary

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



9C00D4



38D400

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.



007C3B



9C00D4



426C00

Square

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



9C00D4



C90000



007800



007FE2

Rectangle

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



9C00D4



E9004E



007800



007E78

Sweetspot

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



9C00D4



EBB3FF



0039D4



735280



000000



808080

Same Dimension

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



9C00D4



BC00FF



D400A3



68606B



7E00AB



20002B

Inverse Universe

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



D40038



FF0043



00D431



6B6063



AB002D



2B000B

Previews

White Background



This preview shows how the Hex color 9C00D4 looks on a white background.

Color Contrast Check

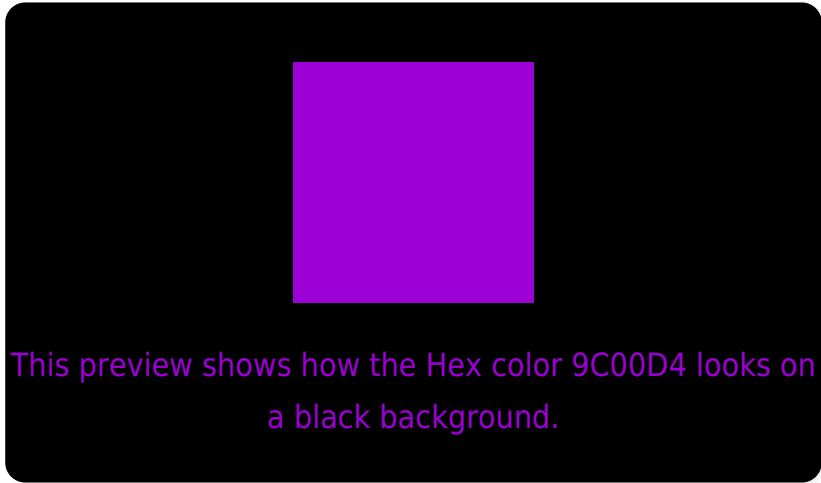
Large Text (above 18pt) WCAG AA ✓ Pass

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

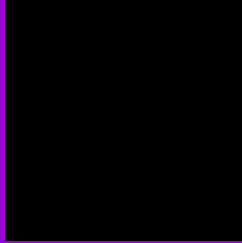
Any Text WCAG AA × Fail

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 9C00D4 Background



This preview shows how black text looks on a background with the Hex color 9C00D4.

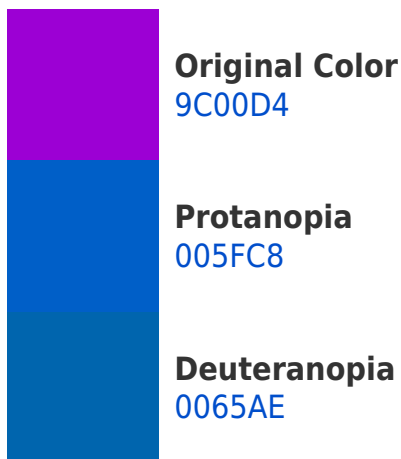


This preview shows how white text looks on a background with the Hex color 9C00D4.

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
885359

Trichromacy



Original Color
9C00D4



Protanomaly
393CCC



Deuteranomaly
3940BC



Tritanomaly
8F3586

Monochromacy



Original Color
9C00D4



Achromatopsia
474747



Achromatomaly
662D7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C00D4 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 #9C00D4 looks like.

```
.text, #text, p{  
    color:#9C00D4  
}
```

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 #9C00D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C00D4
}
```

Border

The CSS property to change the border of an element to Hex 9C00D4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

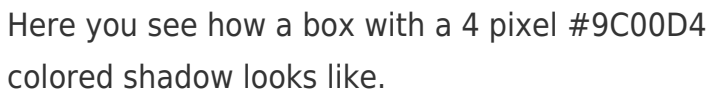
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C00D4 }
```

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

```
.border{ border-color:#9C00D4 }
```

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



Here you see how a box with a 4 pixel #9C00D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C00D4; -webkit-box-shadow:4px 4px  
4px 4px #9C00D4; box-shadow:4px 4px 4px  
4px #9C00D4 }
```

Background

The CSS property to change the background color of an element to Hex 9C00D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C00D4 }
```

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

```
.background{ background-color:#9C00D4 }
```

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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