

Converting Colors

Hex(9C30DD)

Have a look what the booklet for
Hex(9C30DD) contains.

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Color

Hex(9C30DD)

Conversions

Conversions Part 1

Format	Color
Hex	9C30DD
RGB	156, 48, 221
RGB Percent	61%, 19%, 87%
CMY	0.3882, 0.8118, 0.1333
CMYK	0.29, 0.78, 0.00, 0.13
HSL	277°, 72%, 53%
HSV	277°, 78%, 87%
XYZ	27.8184, 14.4023, 69.7203
YIQ	100.0140, 8.8350, 76.6990

Conversions

Conversions Part 2

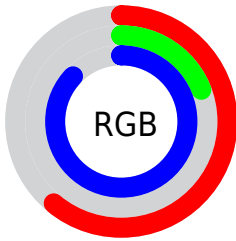
Format	Color
R_{YB}	156, 48, 221
Decimal	10236125
CIE Lab	44.80, 69.88, -67.55
CIE LCh	45, 97.193, 315.973
Yxy	14.4023, 0.2485, 0.1287
Android (android.graphics.Color)	4288426205 (0xFF9C30DD)
YUV	100.0140, 59.6461, 49.0997
Hunter-Lab	37.9503, 64.4312, -82.3592

Details

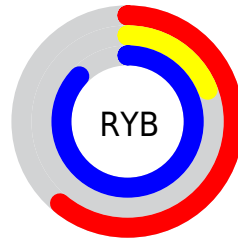
The Hex color **9C30DD** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle muted purple. A complement of this color would be **71DD30**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **D76AFF**, and **6200A5** is the 20% darker color. If you saturate the color by 10%, you get **941ADD**, and if you desaturate by 10%, it is **A446DD**.

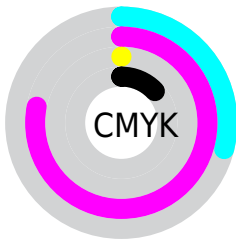
Distribution



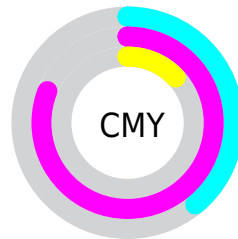
- Red (61%)
- Green (19%)
- Blue (87%)



- Red (61%)
- Yellow (19%)
- Blue (87%)



- Cyan (29%)
- Magenta (78%)
- Yellow (0%)
- Black (13%)



- Cyan (39%)
- Magenta (81%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C30DD 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 9C30DD by changing the saturation by 10% instead.

 9C30DD

 9C30DD

FFFFFF

 7F04C1

 D76AFF

 6200A5

 F686FF

 44008A

 FFA3FF

 23006F

 FFBFFF

 000056

 FFDDFF

 00033D

 FFFAFF

 000327

 000110

 000000

 9C30DD

 9C30DD

 941ADD

 A446DD

 8B04DD

 AD5CDD

 8A00DD

 B572DD

 BD88DD

 C69EDD

 CEB5DD

 D6CBDD

 DEE1DD

 E7F7DD

Harmonies

Analogous

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



0067FF



9C30DD



E10094

Triad

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



9C30DD



A05800



008895

Complementary

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



9C30DD



71DD30

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.



00863F



9C30DD



597400

Square

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



9C30DD



D41300



008100



0088DF

Rectangle

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



9C30DD



EE005E



008100



008879

Sweetspot

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



9C30DD



E9C4FF



3072DD



725C80



000000



808080

Same Dimension

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



9C30DD



A50FFF



DD30C9



6A636E



6C00AD



1D002E

Inverse Universe

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



DD3071



FF0F69



30DD44



6E6367



AD0041



2E0011

Previews

White Background



This preview shows how the Hex color 9C30DD looks on a white background.

Color Contrast Check

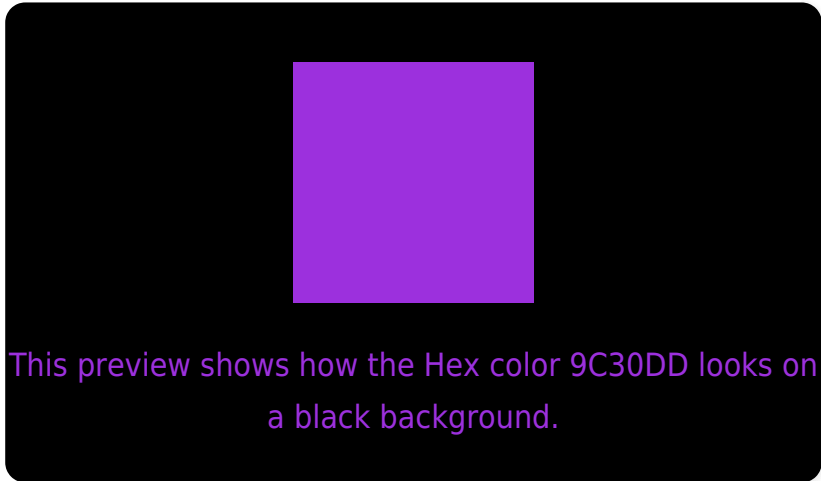
Large Text (above 18pt) WCAG AA ✓ Pass

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

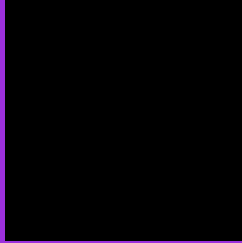
Any Text WCAG AA × Fail

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 9C30DD Background



This preview shows how black text looks on a background with the Hex color 9C30DD.

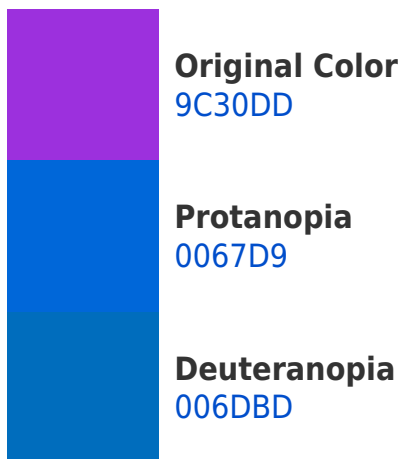


This preview shows how white text looks on a background with the Hex color 9C30DD.

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](#).

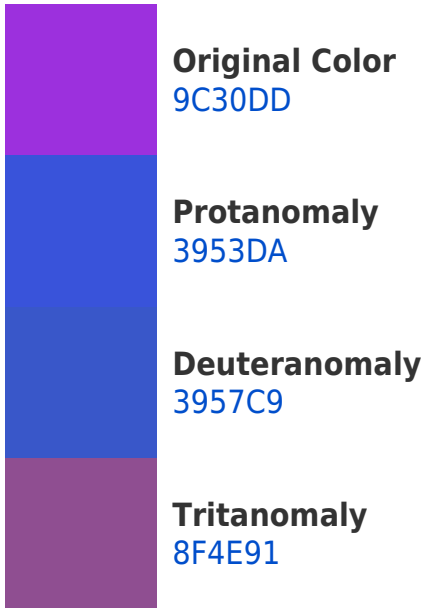
Dichromacy



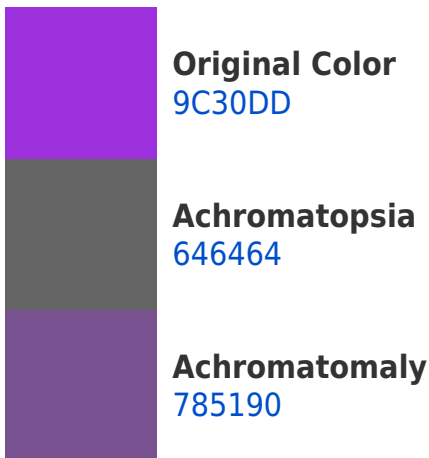


Tritanopia
875F66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9C30DD 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 #9C30DD looks like.

```
.text, #text, p{  
    color:#9C30DD  
}
```

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 #9C30DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C30DD
}
```

Border

The CSS property to change the border of an element to Hex 9C30DD 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".

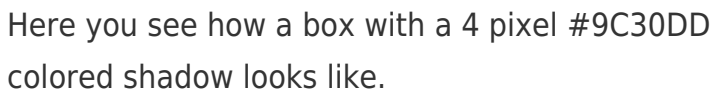
```
.border, #border, table{ border:4px solid
#9C30DD }
```

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

```
.border{ border-color:#9C30DD }
```

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

Here you see how a box with a 4 pixel #9C30DD colored shadow looks like.

A rectangular box with a thick 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 #9C30DD; -webkit-box-shadow:4px 4px  
4px 4px #9C30DD; box-shadow:4px 4px 4px  
4px #9C30DD }
```

Background

The CSS property to change the background color of an element to Hex 9C30DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C30DD }
```

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

```
.background{ background-color:#9C30DD }
```

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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