

Converting Colors

Hex(9D30CF)

Have a look what the booklet for
Hex(9D30CF) contains.

Hex(9D30CF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9D30CF)

Conversions

Conversions Part 1

Format	Color
Hex	9D30CF
RGB	157, 48, 207
RGB Percent	62%, 19%, 81%
CMY	0.3843, 0.8118, 0.1882
CMYK	0.24, 0.77, 0.00, 0.19
HSL	281°, 62%, 50%
HSV	281°, 77%, 81%
XYZ	26.2241, 13.7870, 60.3105
YIQ	98.7170, 13.9250, 72.5570

Conversions

Conversions Part 2

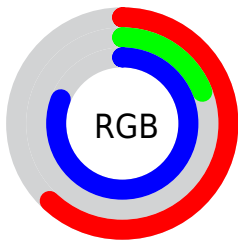
Format	Color
R_{YB}	157, 48, 207
Decimal	10301647
CIE _{Lab}	43.93, 67.20, -60.93
CIE _{LCh}	44, 90.713, 317.803
Yxy	13.7870, 0.2614, 0.1374
Android (android.graphics.Color)	4288491727 (0xFF9D30CF)
YUV	98.7170, 53.3835, 51.1142
Hunter-Lab	37.1308, 61.0886, -70.3113

Details

The Hex color **9D30CF** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **62CF30**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **D86AFF**, and **640098** is the 20% darker color. If you saturate the color by 10%, you get **961BCF**, and if you desaturate by 10%, it is **A445CF**.

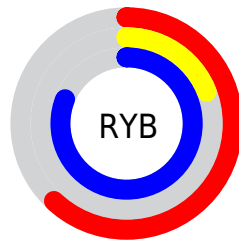
Distribution



Red (62%)

Green (19%)

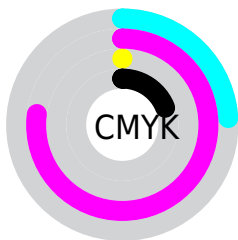
Blue (81%)



Red (62%)

Yellow (19%)

Blue (81%)

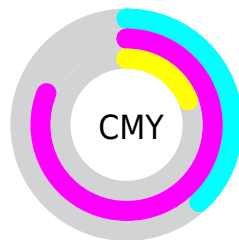


Cyan (24%)

Magenta (77%)

Yellow (0%)

Black (19%)



Cyan (38%)

Magenta (81%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D30CF 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 9D30CF by changing the saturation by 10% instead.

 9D30CF

 9D30CF

FFFFFF

 8005B3

 D86AFF

 640098

 F686FF

 47007D

 FFA2FF

 2A0063

 FFBFFF

 02004A

 FFDCFF

 000432

 FFF9FF

 00021C

 000000

 9D30CF

 9D30CF

961BCF

A445CF

9007CF

AA59CF

8E00CF

B16ECF

B783CF

BE98CF

C4ACCF

CBC1CF

D1D6CF

D8EACF

Harmonies

Analogous

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



0063FB



9D30CF



D9008A

Triad

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



9D30CF



985A00



008594

Complementary

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



9D30CF



62CF30

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.



008345



9D30CF



557200

Square

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



9D30CF



C92600



007E00



0084D8

Rectangle

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



9D30CF



E40058



007E00



00847B

Sweetspot

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



9D30CF



EDC4FF



3062CF



745C80



000000



808080

Same Dimension

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



9D30CF



B514FF



CF30B2



655E69



7300A8



1C0029

Inverse Universe

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



CF3062



FF145E



30CF4D



695E61



A80035



29000D

Previews

White Background



This preview shows how the Hex color 9D30CF looks on a white background.

Color Contrast Check

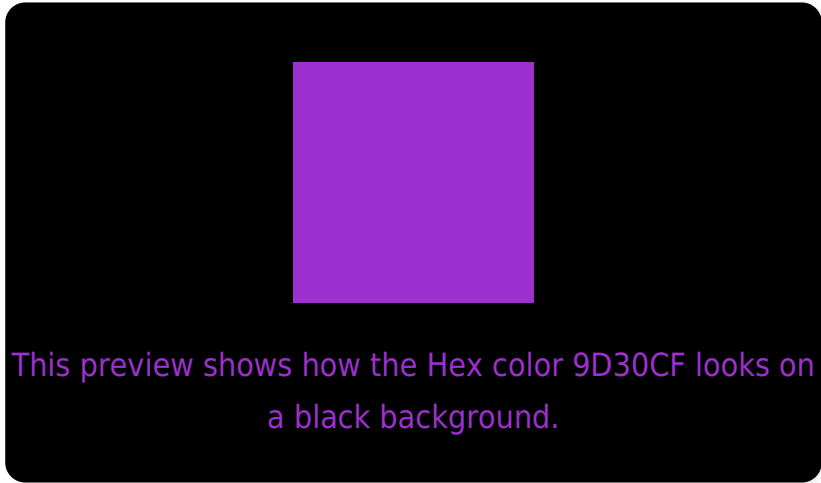
Large Text (above 18pt) WCAG AA ✓ Pass

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

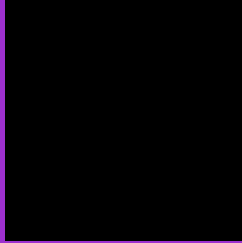
Any Text WCAG AA × Fail

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 9D30CF Background



This preview shows how black text looks on a background with the Hex color 9D30CF.

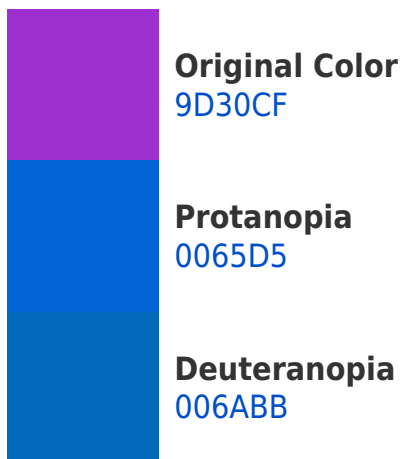


This preview shows how white text looks on a background with the Hex color 9D30CF.

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](#).

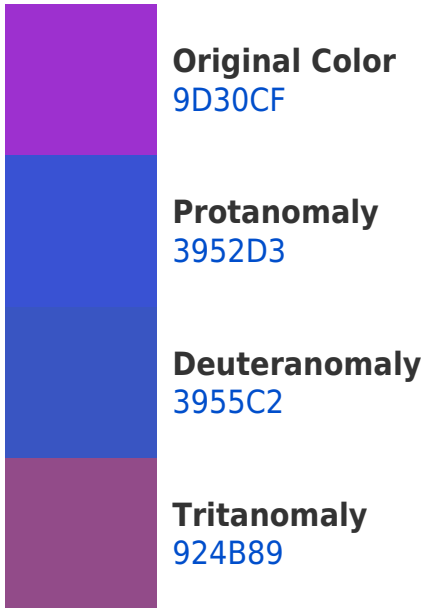
Dichromacy



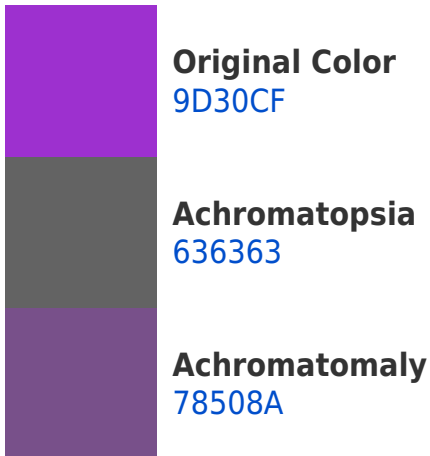


Tritanopia
8C5A61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9D30CF 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 #9D30CF looks like.

```
.text, #text, p{  
    color:#9D30CF  
}
```

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 #9D30CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D30CF
}
```

Border

The CSS property to change the border of an element to Hex 9D30CF 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
#9D30CF }
```

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

```
.border{ border-color:#9D30CF }
```

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

Here you see how a box with a 4 pixel #9D30CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D30CF; -webkit-box-shadow:4px 4px  
4px 4px #9D30CF; box-shadow:4px 4px 4px  
4px #9D30CF }
```

Background

The CSS property to change the background color of an element to Hex 9D30CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D30CF }
```

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

```
.background{ background-color:#9D30CF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor