

Converting Colors

Hex(9000DB)

Have a look what the booklet for
Hex(9000DB) contains.

Hex(9000DB)	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(9000DB)

Conversions

Conversions Part 1

Format	Color
Hex	9000DB
RGB	144, 0, 219
RGB Percent	56%, 0%, 86%
CMY	0.4353, 1.0000, 0.1412
CMYK	0.34, 1.00, 0.00, 0.14
HSL	279°, 100%, 43%
HSV	279°, 100%, 86%
XYZ	24.2878, 11.0438, 67.8694
YIQ	68.0220, 15.5250, 98.6370

Conversions

Conversions Part 2

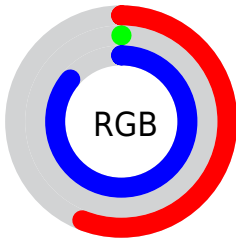
Format	Color
RYB	144, 0, 219
Decimal	9437403
CIELab	39.65, 77.40, -74.89
CIELCh	40, 107.699, 315.944
Yxy	11.0438, 0.2353, 0.1070
Android (android.graphics.Color)	4287627483 (0xFF9000DB)
YUV	68.0220, 74.4322, 66.6327
Hunter-Lab	33.2322, 72.3008, -97.8243

Details

The Hex color **9000DB** 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 **4BDB00**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **CC52FF**, and **5300A3** is the 20% darker color. If you saturate the color by 10%, you get **9000DB**, and if you desaturate by 10%, it is **9816DB**.

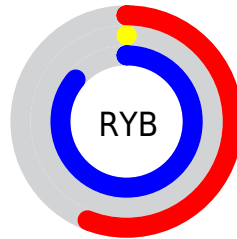
Distribution



Red (56%)

Green (0%)

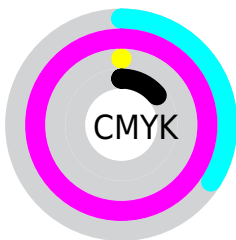
Blue (86%)



Red (56%)

Yellow (0%)

Blue (86%)

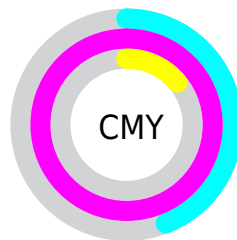


Cyan (34%)

Magenta (100%)

Yellow (0%)

Black (14%)



Cyan (44%)

Magenta (100%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9000DB 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 9000DB by changing the saturation by 10% instead.

 9000DB

 9000DB

FFFFFF

 7200BE

 CC52FF

 5300A3

 EB70FF

 320087

 FF8DFF

 0A006D

 FFA9FF

 000054

 FFC7FF

 00063B

 FFE4FF

 000225

 00010D

 000000

 9000DB

 9816DB

 9F2CDB

 A742DB

 AE58DB

 B66EDB

 BD83DB

 C599DB

 CCAFDB

 D4C5DB

Harmonies

Analogous

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



005CFF



9000DB



DC008B

Triad

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



9000DB



944A00



007B8C

Complementary

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



9000DB



4BDB00

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.



00792E



9000DB



456800

Square

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



9000DB



CB0000



007400



007DDE

Rectangle

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



9000DB



E90051



007400



007B6E

Sweetspot

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



9000DB



E5B3FF



004DDB



705280



000000



808080

Same Dimension

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



9000DB



A800FF



DB00BA



6A636E



7200AD



1E002E

Inverse Universe

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



DB004B



FF0057



00DB21



6E6366



AD003B



2E0010

Previews

White Background



This preview shows how the Hex color 9000DB looks on a white background.

Color Contrast Check

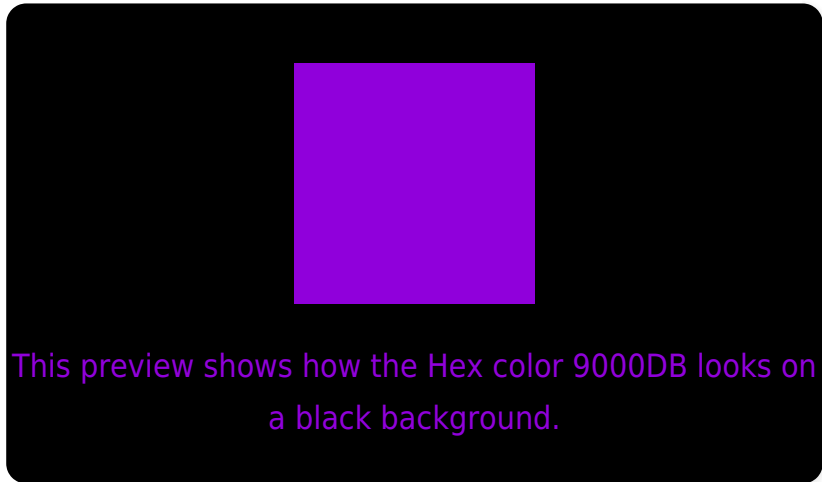
Large Text (above 18pt) WCAG AA ✓ Pass

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

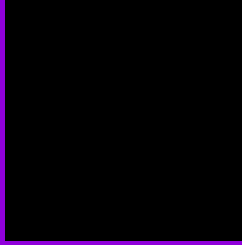
Any Text WCAG AA × Fail

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 9000DB Background



This preview shows how black text looks on a background with the Hex color 9000DB.

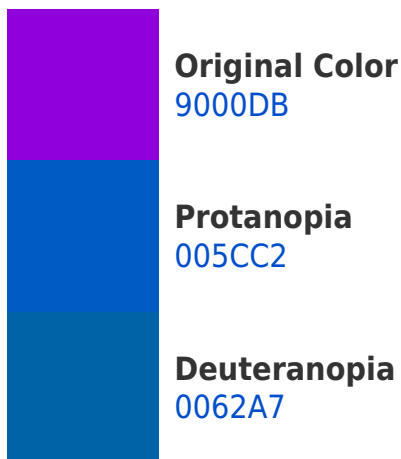



This preview shows how white text looks on a background with the Hex color 9000DB.

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
78565C

Trichromacy



Original Color
9000DB



Protanomaly
343BCB



Deuteranomaly
343EBA



Tritanomaly
81378A

Monochromacy



Original Color
9000DB



Achromatopsia
444444



Achromatomaly
602B7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 9000DB 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 #9000DB looks like.

```
.text, #text, p{  
    color:#9000DB  
}
```

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 #9000DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9000DB
}
```

Border

The CSS property to change the border of an element to Hex 9000DB 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".

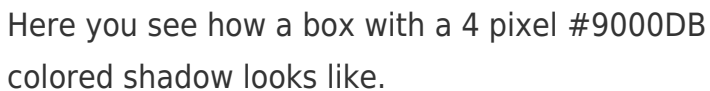
```
.border, #border, table{ border:4px solid
#9000DB }
```

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

```
.border{ border-color:#9000DB }
```

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

Here you see how a box with a 4 pixel #9000DB colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9000DB; -webkit-box-shadow:4px 4px  
4px 4px #9000DB; box-shadow:4px 4px 4px  
4px #9000DB }
```

Background

The CSS property to change the background color of an element to Hex 9000DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9000DB }
```

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

```
.background{ background-color:#9000DB }
```

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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