

Converting Colors

Hex(D900F9)

Have a look what the booklet for
Hex(D900F9) contains.

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Color

Hex(D900F9)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D900F9 |
| RGB | 217, 0, 249 |
| RGB Percent | 85%, 0%, 98% |
| CMY | 0.1490, 1.0000, 0.0235 |
| CMYK | 0.13, 1.00, 0.00, 0.02 |
| HSL | 292°, 100%, 49% |
| HSV | 292°, 100%, 98% |
| XYZ | 45.7142, 21.5913, 91.3807 |
| YIQ | 93.2690, 49.4030, 123.4430 |

Conversions

Conversions Part 2

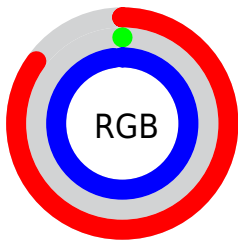
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 217, 0, 249 |
| Decimal | 14221561 |
| CIE _{Lab} | 53.59, 91.79, -68.67 |
| CIE _{LCh} | 54, 114.632, 323.200 |
| Yxy | 21.5913, 0.2881, 0.1361 |
| Android (android.graphics.Color) | 4292411641 (0xFFD900F9) |
| YUV | 93.2690, 76.7754, 108.5121 |
| Hunter-Lab | 46.4664, 94.2940, -84.0730 |

Details

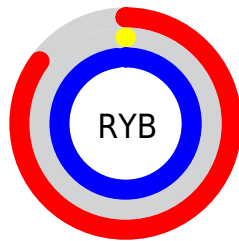
The Hex color **D900F9** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **20F900**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF62FF**, and **9C00BF** is the 20% darker color. If you saturate the color by 10%, you get **D900F9**, and if you desaturate by 10%, it is **DC19F9**.

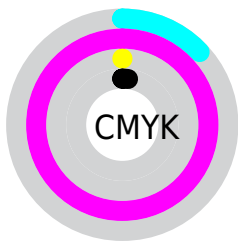
Distribution



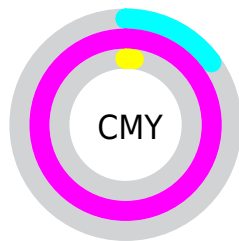
- Red (85%)
- Green (0%)
- Blue (98%)



- Red (85%)
- Yellow (0%)
- Blue (98%)



- Cyan (13%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)



- Cyan (15%)
- Magenta (100%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color D900F9 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 D900F9 by changing the saturation by 10% instead.

 D900F9

 D900F9

FFFFFF

 BB00DC

 FF62FF

 9C00BF

 FF82FF

 7E00A4

 FFA1FF

 600088

 FFBFFF

 43006E

 FFDEFF

 220055

 FFFDFD

 00003C

 000225

 00010E

 D900F9

 DC19F9

 DF32F9

 E34BF9

 E664F9

 E97DF9

 EC95F9

 EFAEF9

 F3C7F9

 F6E0F9

Harmonies

Analogous

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



0072FF



D900F9



FF009B

Triad

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



D900F9



AF7500



00A5CC

Complementary

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



D900F9



20F900

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.



00A366



D900F9



4E9100

Square

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



D900F9



F43500



009D00



00A3FF

Rectangle

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



D900F9



FF005B



009D00



00A4AB

Sweetspot

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



D900F9



F5B3FF



0021F9



7A5280



000000



808080

Same Dimension

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



D900F9



DE00FF



F9009E



7B707D



A400BD



35003D

Inverse Universe

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



F90020



FF0021



00F95B



7D7072



BD0018



3D0008

Previews

White Background



This preview shows how the Hex color D900F9 looks on a white background.

Color Contrast Check

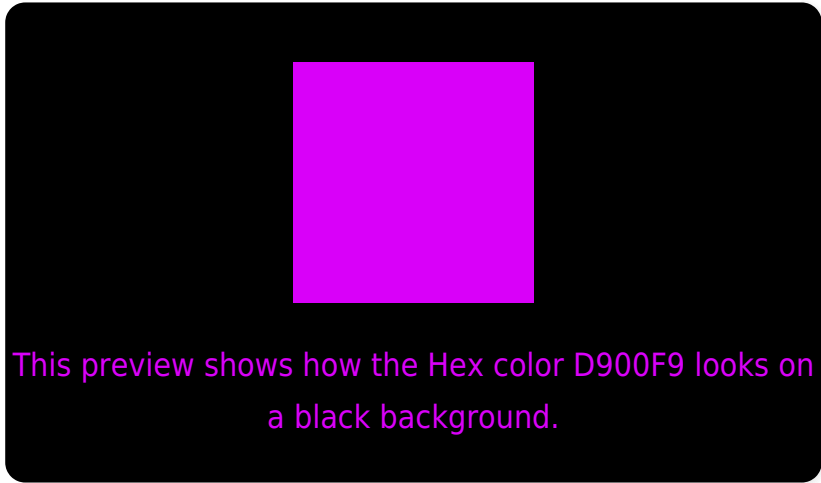
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex D900F9 Background



This preview shows how black text looks on a background with the Hex color D900F9.



This preview shows how white text looks on a background with the Hex color D900F9.

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



Original Color
D900F9

Protanopia
2A7DFE

Deuteranopia
0084E9



Tritanopia
C66268

Trichromacy



Original Color
D900F9



Protanomaly
6A50FD



Deuteranomaly
4F54EF

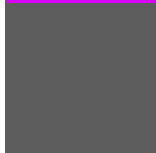


Tritanomaly
CD3E9D

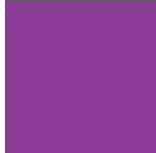
Monochromacy



Original Color
D900F9



Achromatopsia
5D5D5D



Achromatomaly
8A3B96

CSS Examples

Text

The CSS property to change the color of the text to Hex D900F9 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 #D900F9 looks like.

```
.text, #text, p{  
    color:#D900F9  
}
```

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 #D900F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D900F9
}
```

Border

The CSS property to change the border of an element to Hex D900F9 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
#D900F9 }
```

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

```
.border{ border-color:#D900F9 }
```

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

Here you see how a box with a 4 pixel #D900F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D900F9; -webkit-box-shadow:4px 4px  
4px 4px #D900F9; box-shadow:4px 4px 4px  
4px #D900F9 }
```

Background

The CSS property to change the background color of an element to Hex D900F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D900F9 }
```

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

```
.background{ background-color:#D900F9 }
```

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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