

Converting Colors

Hex(D130D9)

Have a look what the booklet for
Hex(D130D9) contains.

Hex(D130D9)	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(D130D9)

Conversions

Conversions Part 1

Format	Color
Hex	D130D9
RGB	209, 48, 217
RGB Percent	82%, 19%, 85%
CMY	0.1804, 0.8118, 0.1490
CMYK	0.04, 0.78, 0.00, 0.15
HSL	297°, 69%, 52%
HSV	297°, 78%, 85%
XYZ	39.8758, 20.6790, 67.5354
YIQ	115.4050, 41.7070, 86.6910

Conversions

Conversions Part 2

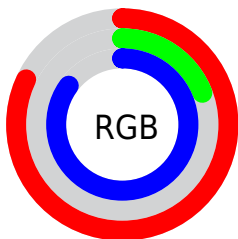
Format	Color
R _Y B	209, 48, 217
Decimal	13709529
CIE Lab	52.60, 78.63, -52.29
CIE LCh	53, 94.434, 326.374
Yxy	20.6790, 0.3113, 0.1614
Android (android.graphics.Color)	4291899609 (0xFFD130D9)
YUV	115.4050, 50.0863, 82.0828
Hunter-Lab	45.4741, 76.9452, -56.2220

Details

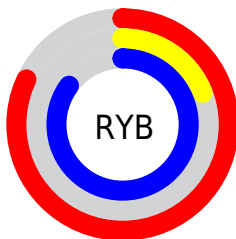
The Hex color **D130D9** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light muted magenta. A complement of this color would be **38D930**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF71FF**, and **9600A1** is the 20% darker color. If you saturate the color by 10%, you get **D01AD9**, and if you desaturate by 10%, it is **D246D9**.

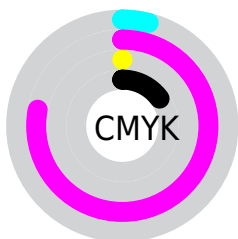
Distribution



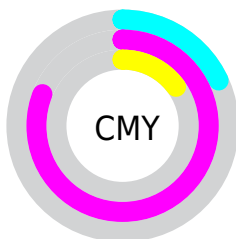
- Red (82%)
- Green (19%)
- Blue (85%)



- Red (82%)
- Yellow (19%)
- Blue (85%)



- Cyan (4%)
- Magenta (78%)
- Yellow (0%)
- Black (15%)



- Cyan (18%)
- Magenta (81%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color D130D9 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 D130D9 by changing the saturation by 10% instead.

 D130D9

 D130D9

FFFFFF

 B300BD

 FF71FF

 9600A1

 FF8FFF

 790086

 FFACFF

 5D006C

 FFCAFF

 410053

 FFE8FF

 24003B

 000024

 00000C

 000000

 D130D9

 D130D9

 D01AD9

 D246D9

 CF05D9

 D35BD9

 CF00D9

 D471D9

 D587D9

 D69DD9

 D7B2D9

 D8C8D9

 D9DED9

 DAF3D9

Harmonies

Analogous

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



476DFF



D130D9



FF008B

Triad

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



D130D9



A17700



009EC4

Complementary

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



D130D9



38D930

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.



009D71



D130D9



518D00

Square

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



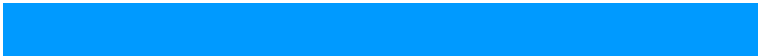
D130D9



DC4F00



00980B



009AFF

Rectangle

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



D130D9



FF0056



00980B



009EA9

Sweetspot

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



D130D9



FCC4FF



3038D9



7E5C80



000000



808080

Same Dimension

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



D130D9



F412FF



D9308D



6D636E



A500AD



2C002E

Inverse Universe

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



D93038



FF121D



30D97C



6E6363



AD0008



2E0002

Previews

White Background



This preview shows how the Hex color D130D9 looks on a white background.

Color Contrast Check

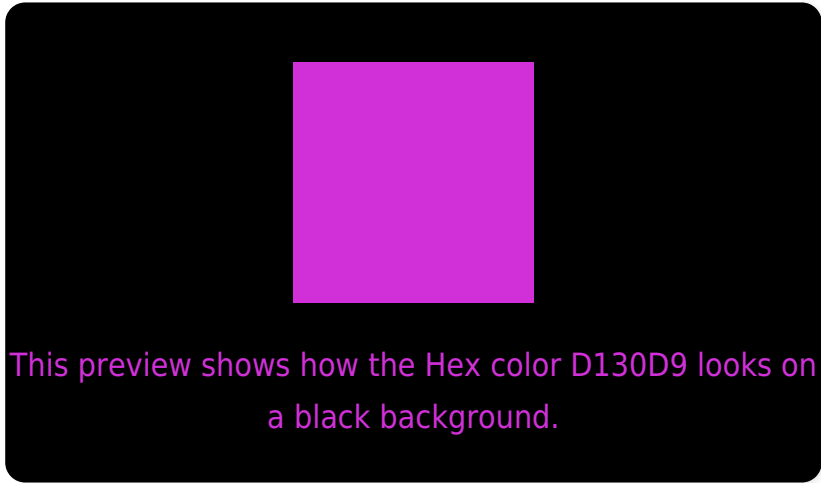
Large Text (above 18pt) WCAG AA ✓ Pass

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

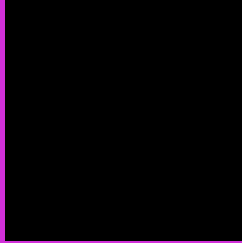
Any Text WCAG AA ✓ Pass

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 D130D9 Background



This preview shows how black text looks on a background with the Hex color D130D9.

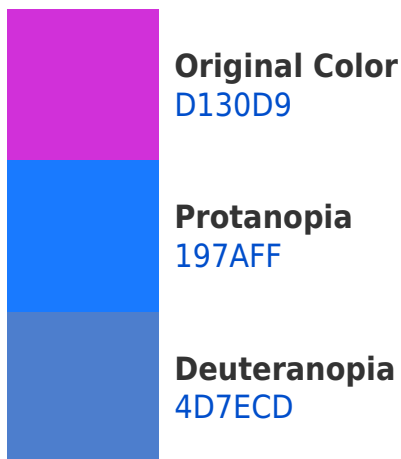



This preview shows how white text looks on a background with the Hex color D130D9.

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



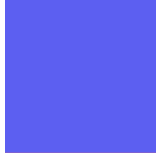


Tritanopia
C35E64

Trichromacy



Original Color
D130D9



Protanomaly
5C5FF1



Deuteranomaly
7D62D1



Tritanomaly
C84D8F

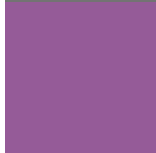
Monochromacy



Original Color
D130D9



Achromatopsia
737373



Achromatomaly
955B98

CSS Examples

Text

The CSS property to change the color of the text to Hex D130D9 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 #D130D9 looks like.

```
.text, #text, p{  
    color:#D130D9  
}
```

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 #D130D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D130D9
}
```

Border

The CSS property to change the border of an element to Hex D130D9 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
#D130D9 }
```

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

```
.border{ border-color:#D130D9 }
```

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

Here you see how a box with a 4 pixel #D130D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D130D9; -webkit-box-shadow:4px 4px  
4px 4px #D130D9; box-shadow:4px 4px 4px  
4px #D130D9 }
```

Background

The CSS property to change the background color of an element to Hex D130D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D130D9 }
```

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

```
.background{ background-color:#D130D9 }
```

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