

Converting Colors

Hex(D213DD)

Have a look what the booklet for
Hex(D213DD) contains.

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Color

Hex(D213DD)

Conversions

Conversions Part 1

Format	Color
Hex	D213DD
RGB	210, 19, 221
RGB Percent	82%, 7%, 87%
CMY	0.1765, 0.9255, 0.1333
CMYK	0.05, 0.91, 0.00, 0.13
HSL	297°, 84%, 47%
HSV	297°, 91%, 87%
XYZ	39.8624, 19.3878, 70.0479
YIQ	99.1370, 48.9940, 103.3140

Conversions

Conversions Part 2

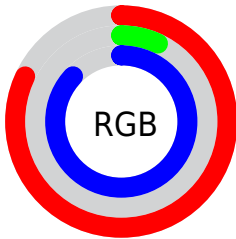
Format	Color
RYB	210, 19, 221
Decimal	13767645
CIELab	51.14, 84.88, -56.90
CIELCh	51, 102.183, 326.163
Yxy	19.3878, 0.3083, 0.1499
Android (android.graphics.Color)	4291957725 (0xFFD213DD)
YUV	99.1370, 60.0785, 97.2269
Hunter-Lab	44.0316, 84.5428, -63.4996

Details

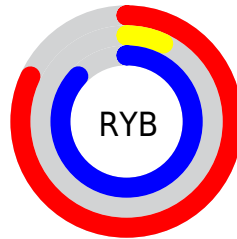
The Hex color **D213DD** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **1EDD13**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF63FF**, and **9600A5** is the 20% darker color. If you saturate the color by 10%, you get **D100DD**, and if you desaturate by 10%, it is **D329DD**.

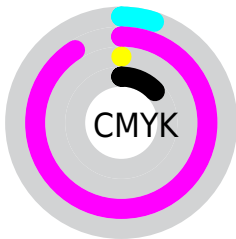
Distribution



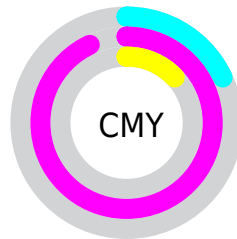
- Red (82%)
- Green (7%)
- Blue (87%)



- Red (82%)
- Yellow (7%)
- Blue (87%)



- Cyan (5%)
- Magenta (91%)
- Yellow (0%)
- Black (13%)



- Cyan (18%)
- Magenta (93%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color D213DD 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 D213DD by changing the saturation by 10% instead.

 D213DD

 D213DD

FFFFFF

 B400C1

 FF63FF

 9600A5

 FF82FF

 79008A

 FFA0FF

 5C0070

 FFBFFF

 410057

 FFDDFF

 22003E

 FFFBFF

 000027

 000110

 000000

 D213DD

 D213DD

 D100DD

 D329DD

 D43FDD

 D655DD

 D76BDD

 D882DD

 D998DD

 DAAEDD

 DCC4DD

 DDDADD

Harmonies

Analogous

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



2468FF



D213DD



FF0089

Triad

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



D213DD



9E7300



009CC6

Complementary

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



D213DD



1EDD13

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.



009A6C



D213DD



468B00

Square

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



D213DD



DD4400



009500



0099FF

Rectangle

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



D213DD



FF0050



009500



009BA9

Sweetspot

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



D213DD



FBBAFF



1320DD



7D5780



000000



808080

Same Dimension

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



D213DD



F100FF



DD1385



6D636E



A400AD



2B002E

Inverse Universe

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



DD131E



FF000E



13DD6B



6E6363



AD0009



2E0002

Previews

White Background



This preview shows how the Hex color D213DD 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

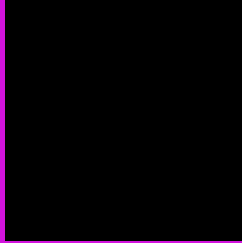
Any Text WCAG AA ✓ Pass

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 D213DD Background



This preview shows how black text looks on a background with the Hex color D213DD.

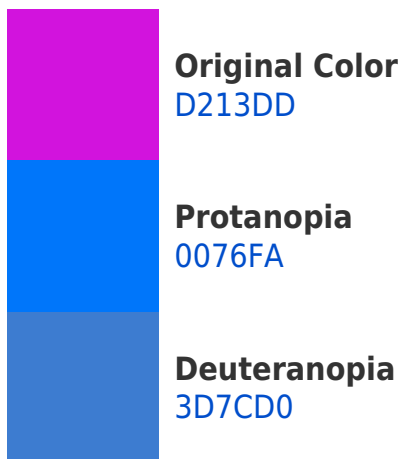


This preview shows how white text looks on a background with the Hex color D213DD.

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



Trichromacy



Original Color
D213DD



Protanomaly
4C52EF



Deuteranomaly
7356D5



Tritanomaly
C83F8C

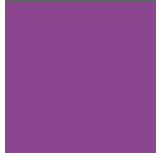
Monochromacy



Original Color
D213DD



Achromatopsia
636363



Achromatomaly
8B468F

CSS Examples

Text

The CSS property to change the color of the text to Hex D213DD 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 #D213DD looks like.

```
.text, #text, p{  
    color:#D213DD  
}
```

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 #D213DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D213DD
}
```

Border

The CSS property to change the border of an element to Hex D213DD 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
#D213DD }
```

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

```
.border{ border-color:#D213DD }
```

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

Here you see how a box with a 4 pixel #D213DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D213DD; -webkit-box-shadow:4px 4px  
4px 4px #D213DD; box-shadow:4px 4px 4px  
4px #D213DD }
```

Background

The CSS property to change the background color of an element to Hex D213DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D213DD }
```

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

```
.background{ background-color:#D213DD }
```

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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