

Converting Colors

Hex(D312F8)

Have a look what the booklet for
Hex(D312F8) contains.

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Color

Hex(D312F8)

Conversions

Conversions Part 1

Format	Color
Hex	D312F8
RGB	211, 18, 248
RGB Percent	83%, 7%, 97%
CMY	0.1725, 0.9294, 0.0275
CMYK	0.15, 0.93, 0.00, 0.03
HSL	290°, 94%, 52%
HSV	290°, 93%, 97%
XYZ	44.0236, 21.0588, 90.5514
YIQ	101.9270, 41.1980, 112.4460

Conversions

Conversions Part 2

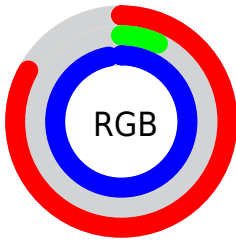
Format	Color
R _{YB}	211, 18, 248
Decimal	13832952
CIE Lab	53.01, 89.39, -69.09
CIE LCh	53, 112.974, 322.298
Yxy	21.0588, 0.2829, 0.1353
Android (android.graphics.Color)	4292023032 (0xFFD312F8)
YUV	101.9270, 72.0140, 95.6570
Hunter-Lab	45.8899, 90.9332, -84.8700

Details

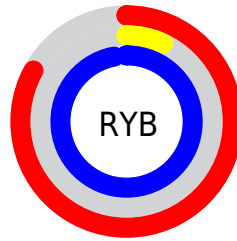
The Hex color **D312F8** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light washed magenta. A complement of this color would be **37F812**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF65FF**, and **9700BE** is the 20% darker color. If you saturate the color by 10%, you get **D000F8**, and if you desaturate by 10%, it is **D72BF8**.

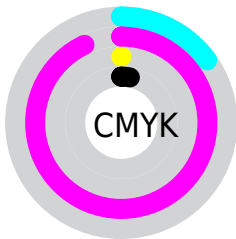
Distribution



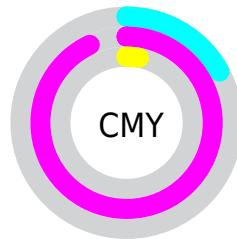
- Red (83%)
- Green (7%)
- Blue (97%)



- Red (83%)
- Yellow (7%)
- Blue (97%)



- Cyan (15%)
- Magenta (93%)
- Yellow (0%)
- Black (3%)



- Cyan (17%)
- Magenta (93%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color D312F8 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 D312F8 by changing the saturation by 10% instead.

 D312F8

 D312F8

FFFFFF

 B500DB

 FF65FF

 9700BE

 FF84FF

 7900A3

 FFA3FF

 5B0087

 FFC1FF

 3D006D

 FFDFFF

 1B0054

FFFEFF

 00003B

 000225

 00010D

 D312F8

 D312F8

 D000F8

 D72BF8

 DB44F8

 DF5CF8

 E375F8

 E78EF8

 EBA7F8

 EFC0F8

 F3D8F8

 F7F1F8

Harmonies

Analogous

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



0072FF



D312F8



FF009C

Triad

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



D312F8



AF7300



00A3C7

Complementary

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



D312F8



37F812

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.



00A162



D312F8



518F00

Square

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



D312F8



F23200



009B00



00A1FF

Rectangle

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



D312F8



FF005D



009B00



00A2A6

Sweetspot

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



D312F8



F4B8FF



1238F8



795480



000000



808080

Same Dimension

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



D312F8



D600FF



F812AB



7B707D



9E00BD



33003D

Inverse Universe

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



F81237



FF0029



12F85F



7D7072



BD001E



3D000A

Previews

White Background



This preview shows how the Hex color D312F8 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 D312F8 Background



This preview shows how black text looks on a background with the Hex color D312F8.



This preview shows how white text looks on a background with the Hex color D312F8.

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
D312F8

Protanopia
1E7BFF

Deuteranopia
0082E5



Tritanopia
C06269

Trichromacy



Original Color
D312F8



Protanomaly
6055FC



Deuteranomaly
4D59EC



Tritanomaly
C7459D

Monochromacy



Original Color
D312F8



Achromatopsia
666666



Achromatomaly
8E479B

CSS Examples

Text

The CSS property to change the color of the text to Hex D312F8 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 #D312F8 looks like.

```
.text, #text, p{  
    color:#D312F8  
}
```

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 #D312F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D312F8
}
```

Border

The CSS property to change the border of an element to Hex D312F8 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
#D312F8 }
```

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

```
.border{ border-color:#D312F8 }
```

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

Here you see how a box with a 4 pixel #D312F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D312F8; -webkit-box-shadow:4px 4px  
4px 4px #D312F8; box-shadow:4px 4px 4px  
4px #D312F8 }
```

Background

The CSS property to change the background color of an element to Hex D312F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D312F8 }
```

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

```
.background{ background-color:#D312F8 }
```

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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