

Converting Colors

Hex(D82CFA)

Have a look what the booklet for
Hex(D82CFA) contains.

Hex(D82CFA)	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(D82CFA)

Conversions

Conversions Part 1

Format	Color
Hex	D82CFA
RGB	216, 44, 250
RGB Percent	85%, 17%, 98%
CMY	0.1529, 0.8275, 0.0196
CMYK	0.14, 0.82, 0.00, 0.02
HSL	290°, 95%, 58%
HSV	290°, 82%, 98%
XYZ	46.4749, 23.3024, 92.4908
YIQ	118.9120, 36.3860, 100.5300

Conversions

Conversions Part 2

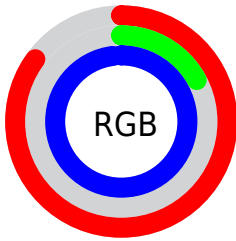
Format	Color
R _{YB}	216, 44, 250
Decimal	14167290
CIE _{Lab}	55.38, 86.23, -66.34
CIE _{LCh}	55, 108.793, 322.427
Yxy	23.3024, 0.2864, 0.1436
Android (android.graphics.Color)	4292357370 (0xFFD82CFA)
YUV	118.9120, 64.6264, 85.1462
Hunter-Lab	48.2726, 87.3756, -79.8095

Details

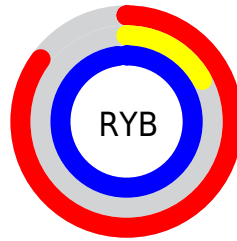
The Hex color **D82CFA** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **4EFA2C**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF71FF**, and **9C00C0** is the 20% darker color. If you saturate the color by 10%, you get **D413FA**, and if you desaturate by 10%, it is **DC45FA**.

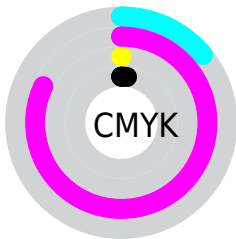
Distribution



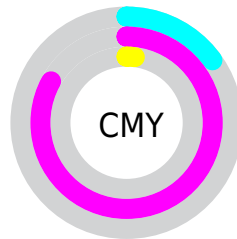
- Red (85%)
- Green (17%)
- Blue (98%)



- Red (85%)
- Yellow (17%)
- Blue (98%)



- Cyan (14%)
- Magenta (82%)
- Yellow (0%)
- Black (2%)



- Cyan (15%)
- Magenta (83%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color D82CFA 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 D82CFA by changing the saturation by 10% instead.

 D82CFA

 D82CFA

FFFFFF

 BA00DD

 FF71FF

 9C00C0

 FF8FFF

 7E00A5

 FFADFF

 610089

 FFCBFF

 43006F

 FFEAFF

 240056

 00003D

 000326

 00010F

 D82CFA

 D82CFA

 D413FA

 DC45FA

 D100FA

 E05EFA

 E477FA

 E990FA

 EDA9FA

 F1C2FA

 F5DBFA

 F9F4FA

 FDFFFA

Harmonies

Analogous

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



0078FF



D82CFA



FF00A1

Triad

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



D82CFA



B57900



00A9CB

Complementary

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



D82CFA



4EFA2C

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.



00A769



D82CFA



5C9400

Square

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



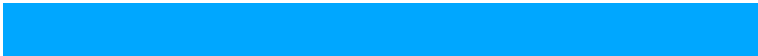
D82CFA



F74000



00A100



00A7FF

Rectangle

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



D82CFA



FF0063



00A100



00A9AB

Sweetspot

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



D82CFA



F4BFFF



2C4EFA



795980



000000



808080

Same Dimension

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



D82CFA



D503FF



FA2CB5



7B707D



9E00BD



33003D

Inverse Universe

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



FA2C4E



FF032C



2CFA71



7D7073



BD001F



3D000A

Previews

White Background



This preview shows how the Hex color D82CFA 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

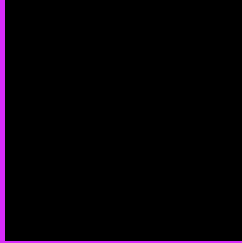
Any Text WCAG AA ✓ Pass

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 D82CFA Background



This preview shows how black text looks on a background with the Hex color D82CFA.

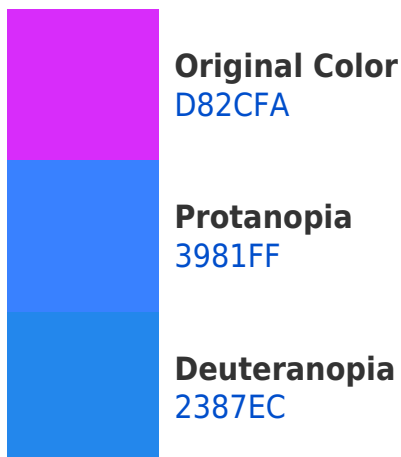


This preview shows how white text looks on a background with the Hex color D82CFA.

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](#).

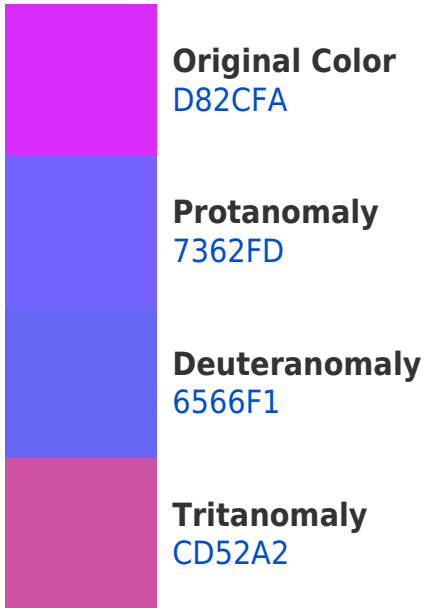
Dichromacy



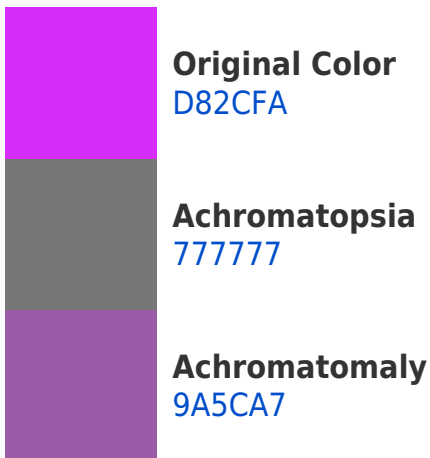


Tritanopia
C66870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D82CFA 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 #D82CFA looks like.

```
.text, #text, p{  
    color:#D82CFA  
}
```

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 #D82CFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D82CFA
}
```

Border

The CSS property to change the border of an element to Hex D82CFA 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
#D82CFA }
```

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

```
.border{ border-color:#D82CFA }
```

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

Here you see how a box with a 4 pixel #D82CFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D82CFA; -webkit-box-shadow:4px 4px  
4px 4px #D82CFA; box-shadow:4px 4px 4px  
4px #D82CFA }
```

Background

The CSS property to change the background color of an element to Hex D82CFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D82CFA }
```

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

```
.background{ background-color:#D82CFA }
```

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