

Converting Colors

Hex(D728CF)

Have a look what the booklet for
Hex(D728CF) contains.

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Color

Hex(D728CF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D728CF |
| RGB | 215, 40, 207 |
| RGB Percent | 84%, 16%, 81% |
| CMY | 0.1569, 0.8431, 0.1882 |
| CMYK | 0.00, 0.81, 0.04, 0.16 |
| HSL | 303°, 69%, 50% |
| HSV | 303°, 81%, 84% |
| XYZ | 40.0456, 20.4697, 60.8719 |
| YIQ | 111.3630, 50.6930, 89.0370 |

Conversions

Conversions Part 2

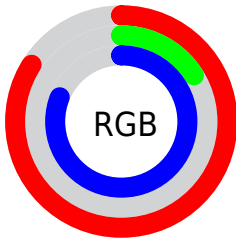
| Format | Color |
|-------------------------------------|--|
| RYB | 215, 40, 207 |
| Decimal | 14100687 |
| CIELab | 52.36, 80.16, -46.89 |
| CIELCh | 52, 92.870, 329.676 |
| Yxy | 20.4697, 0.3299, 0.1686 |
| Android (android.graphics.Color) | 4292290767 (0xFFD728CF) |
| YUV | 111.3630, 47.1490, 90.8896 |
| Hunter-Lab | 45.2434, 78.8171, -48.1002 |

Details

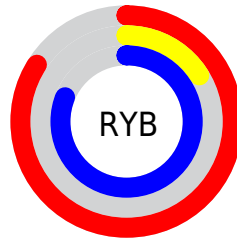
The Hex color **D728CF** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **28D730**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF6DFF**, and **9C0098** is the 20% darker color. If you saturate the color by 10%, you get **D713CE**, and if you desaturate by 10%, it is **D73ED0**.

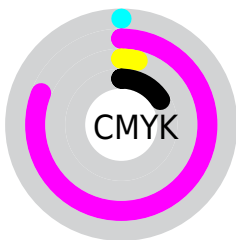
Distribution



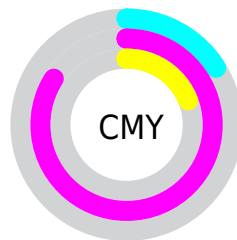
- Red (84%)
- Green (16%)
- Blue (81%)



- Red (84%)
- Yellow (16%)
- Blue (81%)



- Cyan (0%)
- Magenta (81%)
- Yellow (4%)
- Black (16%)



- Cyan (16%)
- Magenta (84%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color D728CF 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 D728CF by changing the saturation by 10% instead.

 D728CF

 D728CF

FFFFFF

 B900B3

 FF6DFF

 9C0098

 FF8BFF

 7F007D

 FFA8FF

 620064

 FFC6FF

 47004B

 FFE4FF

 2A0034

 00001D

 000000

 D728CF

 D728CF

 D713CE

 D73ED0

 D700CD

 D753D1

 D769D2

 D77ED3

 D794D4

 D7A9D5

 D7BFD6

 D7D4D7

 D7EAD8

Harmonies

Analogous

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



6467FF



D728CF



FF0082

Triad

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



D728CF



997A00



009DCB

Complementary

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



D728CF



28D730

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.



009C7A



D728CF



468E00

Square

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



D728CF



D55500



00981F



0098FF

Rectangle

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



D728CF



FF004E



00981F



009DB1

Sweetspot

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



D728CF



FFC2FC



2E28D7



805B7E



000000



808080

Same Dimension

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



D728CF



FF05F4



D7287A



6B606B



AB00A3



2B0029

Inverse Universe

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



D728CF



FF05F4



28D785



6B606B



AB00A3



2B0029

Previews

White Background



This preview shows how the Hex color D728CF 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

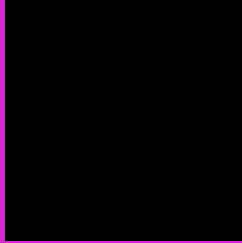
Any Text WCAG AA ✓ Pass

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 D728CF Background



This preview shows how black text looks on a background with the Hex color D728CF.

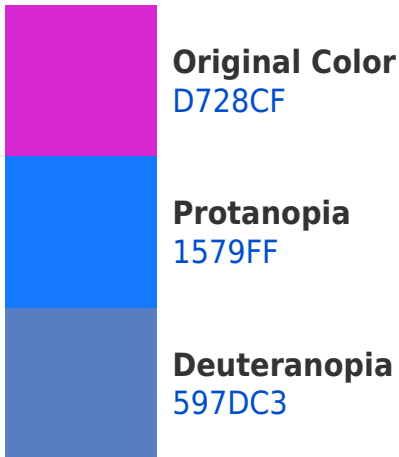


This preview shows how white text looks on a background with the Hex color D728CF.

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
D728CF



Protanomaly
5C5CEE



Deuteranomaly
875EC7



Tritanomaly
CF4786

Monochromacy



Original Color
D728CF



Achromatopsia
6F6F6F



Achromatomaly
955592

CSS Examples

Text

The CSS property to change the color of the text to Hex D728CF 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 #D728CF looks like.

```
.text, #text, p{  
    color:#D728CF  
}
```

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 #D728CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D728CF
}
```

Border

The CSS property to change the border of an element to Hex D728CF 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
#D728CF }
```

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

```
.border{ border-color:#D728CF }
```

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

Here you see how a box with a 4 pixel #D728CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D728CF; -webkit-box-shadow:4px 4px  
4px 4px #D728CF; box-shadow:4px 4px 4px  
4px #D728CF }
```

Background

The CSS property to change the background color of an element to Hex D728CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D728CF }
```

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

```
.background{ background-color:#D728CF }
```

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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