

Converting Colors

Hex(D827CB)

Have a look what the booklet for
Hex(D827CB) contains.

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Color

Hex(D827CB)

Conversions

Conversions Part 1

Format	Color
Hex	D827CB
RGB	216, 39, 203
RGB Percent	85%, 15%, 80%
CMY	0.1529, 0.8471, 0.2039
CMYK	0.00, 0.82, 0.06, 0.15
HSL	304°, 69%, 50%
HSV	304°, 82%, 85%
XYZ	39.8239, 20.3618, 58.3312
YIQ	110.6190, 52.8480, 88.5280

Conversions

Conversions Part 2

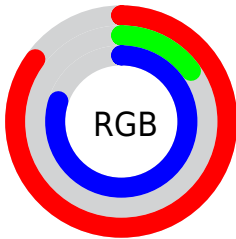
Format	Color
R _Y B	216, 39, 203
Decimal	14165963
CIE Lab	52.24, 79.99, -44.77
CIE LCh	52, 91.667, 330.763
Yxy	20.3618, 0.3360, 0.1718
Android (android.graphics.Color)	4292356043 (0xFFD827CB)
YUV	110.6190, 45.5438, 92.4191
Hunter-Lab	45.1240, 78.5670, -45.0565

Details

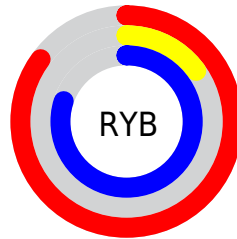
The Hex color **D827CB** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **27D834**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF6CFF**, and **9D0094** is the 20% darker color. If you saturate the color by 10%, you get **D811C9**, and if you desaturate by 10%, it is **D83DCD**.

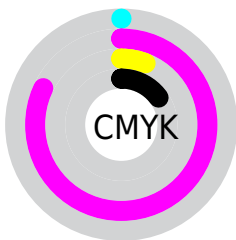
Distribution



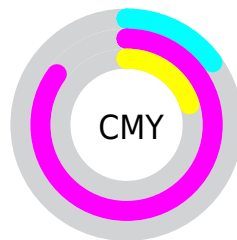
- Red (85%)
- Green (15%)
- Blue (80%)



- Red (85%)
- Yellow (15%)
- Blue (80%)



- Cyan (0%)
- Magenta (82%)
- Yellow (6%)
- Black (15%)



- Cyan (15%)
- Magenta (85%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color D827CB 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 D827CB by changing the saturation by 10% instead.

 D827CB

 D827CB

FFFFFF

 BA00AF

 FF6CFF

 9D0094

 FF8AFF

 80007A

 FFA8FF

 630060

 FFC6FF

 480048

 FFE4FF

 2B0031

 00001A

 000000

 D827CB

 D827CB

 D811C9

 D83DCD

 D800C8

 D852CE

 D868D0

 D87DD1

 D893D3

 D8A9D5

 D8BED6

 D8D4D8

 D8E9D9

Harmonies

Analogous

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



6C66FF



D827CB



FE007E

Triad

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



D827CB



967B00



009CCC

Complementary

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



D827CB



27D834

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.



009C7D



D827CB



438E00

Square

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



D827CB



D25700



009825



0097FF

Rectangle

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



D827CB



FF004B



009825



009CB3

Sweetspot

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



D827CB



FFBFFA



3327D8



80597D



000000



808080

Same Dimension

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



D827CB



FF05ED



D82774



6B606A



AB009E



2B0028

Inverse Universe

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



D827CB



FF05ED



27D88B



6B606A



AB009E



2B0028

Previews

White Background



This preview shows how the Hex color D827CB 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

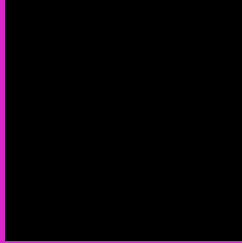
Any Text WCAG AA ✓ Pass

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 D827CB Background



This preview shows how black text looks on a background with the Hex color D827CB.

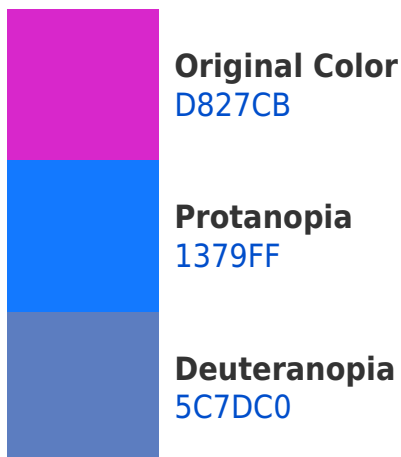


This preview shows how white text looks on a background with the Hex color D827CB.

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
D827CB



Protanomaly
5B5BEC



Deuteranomaly
895EC4



Tritanomaly
D14584

Monochromacy



Original Color
D827CB



Achromatopsia
6F6F6F



Achromatomaly
955590

CSS Examples

Text

The CSS property to change the color of the text to Hex D827CB 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 #D827CB looks like.

```
.text, #text, p{  
    color:#D827CB  
}
```

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 #D827CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D827CB
}
```

Border

The CSS property to change the border of an element to Hex D827CB 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
#D827CB }
```

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

```
.border{ border-color:#D827CB }
```

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

Here you see how a box with a 4 pixel #D827CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D827CB; -webkit-box-shadow:4px 4px  
4px 4px #D827CB; box-shadow:4px 4px 4px  
4px #D827CB }
```

Background

The CSS property to change the background color of an element to Hex D827CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D827CB }
```

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

```
.background{ background-color:#D827CB }
```

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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