

Converting Colors

Hex(D827D1)

Have a look what the booklet for
Hex(D827D1) contains.

Hex(D827D1)	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(D827D1)

Conversions

Conversions Part 1

Format	Color
Hex	D827D1
RGB	216, 39, 209
RGB Percent	85%, 15%, 82%
CMY	0.1529, 0.8471, 0.1804
CMYK	0.00, 0.82, 0.03, 0.15
HSL	302°, 69%, 50%
HSV	302°, 82%, 85%
XYZ	40.5530, 20.6534, 62.1707
YIQ	111.3030, 50.9220, 90.3940

Conversions

Conversions Part 2

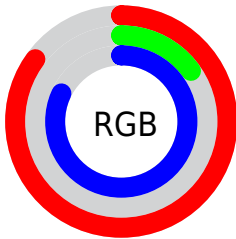
Format	Color
R _{YB}	216, 39, 209
Decimal	14165969
CIE _{Lab}	52.57, 80.86, -47.70
CIE _{LCh}	53, 93.883, 329.463
Y _{xy}	20.6534, 0.3287, 0.1674
Android (android.graphics.Color)	4292356049 (0xFFD827D1)
Y _{UV}	111.3030, 48.1646, 91.8193
Hunter-Lab	45.4460, 79.7511, -49.2972

Details

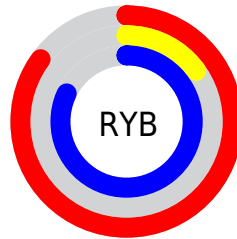
The Hex color **D827D1** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **27D82E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF6CFF**, and **9D009A** is the 20% darker color. If you saturate the color by 10%, you get **D811D0**, and if you desaturate by 10%, it is **D83DD2**.

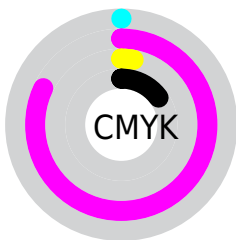
Distribution



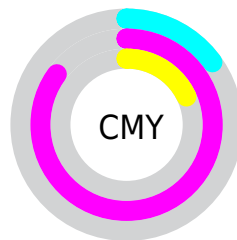
- Red (85%)
- Green (15%)
- Blue (82%)



- Red (85%)
- Yellow (15%)
- Blue (82%)



- Cyan (0%)
- Magenta (82%)
- Yellow (3%)
- Black (15%)



- Cyan (15%)
- Magenta (85%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color D827D1 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 D827D1 by changing the saturation by 10% instead.

 D827D1

 D827D1

FFFFFF

 BA00B5

 FF6CFF

 9D009A

 FF8BFF

 80007F

 FFA8FF


 630066

 FFC6FF

 47004D

 FFE4FF

 2B0035

 00001F

 000001

 000000

 D827D1

 D827D1

 D811D0

 D83DD2

 D800CF

 D852D3

 D868D4

 D87DD4

 D893D5

 D8A9D6

 D8BED7

 D8D4D8

 D8E9D9

Harmonies

Analogous

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



6268FF



D827D1



FF0083

Triad

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



D827D1



9A7A00



009ECC

Complementary

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



D827D1



27D82E

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.



009D7A



D827D1



468F00

Square

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



D827D1



D65400



00991D



0099FF

Rectangle

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



D827D1



FF004E



00991D



009EB1

Sweetspot

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



D827D1



FFBFFC



2D27D8



80597E



000000



808080

Same Dimension

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



D827D1



FF05F5



D8277A



6B606B



AB00A4



2B002A

Inverse Universe

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



D827D1



FF05F5



27D885



6B606B



AB00A4



2B002A

Previews

White Background



This preview shows how the Hex color D827D1 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

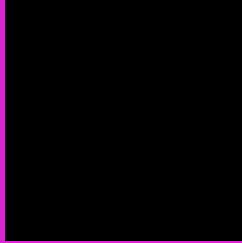
Any Text WCAG AA ✓ Pass

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 D827D1 Background



This preview shows how black text looks on a background with the Hex color D827D1.

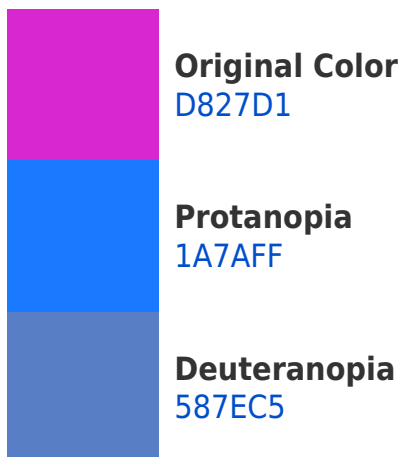


This preview shows how white text looks on a background with the Hex color D827D1.

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](#).

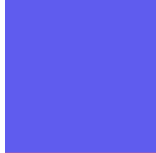
Dichromacy



Trichromacy



Original Color
D827D1



Protanomaly
5F5CEE



Deuteranomaly
875EC9



Tritanomaly
D04688

Monochromacy



Original Color
D827D1



Achromatopsia
6F6F6F



Achromatomaly
955593

CSS Examples

Text

The CSS property to change the color of the text to Hex D827D1 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 #D827D1 looks like.

```
.text, #text, p{  
    color:#D827D1  
}
```

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 #D827D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D827D1
}
```

Border

The CSS property to change the border of an element to Hex D827D1 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
#D827D1 }
```

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

```
.border{ border-color:#D827D1 }
```

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

Here you see how a box with a 4 pixel #D827D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D827D1; -webkit-box-shadow:4px 4px  
4px 4px #D827D1; box-shadow:4px 4px 4px  
4px #D827D1 }
```

Background

The CSS property to change the background color of an element to Hex D827D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D827D1 }
```

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

```
.background{ background-color:#D827D1 }
```

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