

Converting Colors

Hex(D027D8)

Have a look what the booklet for
Hex(D027D8) contains.

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Color

Hex(**D027D8**)

Conversions

Conversions Part 1

Format	Color
Hex	D027D8
RGB	208, 39, 216
RGB Percent	82%, 15%, 85%
CMY	0.1843, 0.8471, 0.1529
CMYK	0.04, 0.82, 0.00, 0.15
HSL	297°, 69%, 50%
HSV	297°, 82%, 85%
XYZ	39.1326, 19.8188, 66.7286
YIQ	109.7090, 43.9070, 90.8750

Conversions

Conversions Part 2

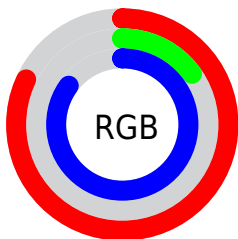
Format	Color
RYB	208, 39, 216
Decimal	13641688
CIELab	51.63, 80.45, -53.28
CIElCh	52, 96.491, 326.487
Yxy	19.8188, 0.3114, 0.1577
Android (android.graphics.Color)	4291831768 (0xFFD027D8)
YUV	109.7090, 52.4015, 86.2012
Hunter-Lab	44.5183, 78.9985, -57.7071

Details

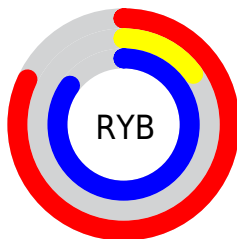
The Hex color **D027D8** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **2FD827**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF6BFF**, and **9500A0** is the 20% darker color. If you saturate the color by 10%, you get **CF11D8**, and if you desaturate by 10%, it is **D13DD8**.

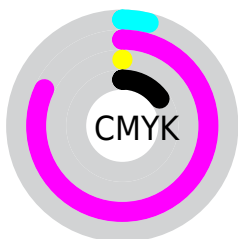
Distribution



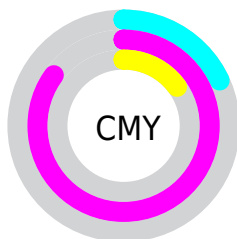
- Red (82%)
- Green (15%)
- Blue (85%)



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



- Cyan (4%)
- Magenta (82%)
- Yellow (0%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color D027D8 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 D027D8 by changing the saturation by 10% instead.

 D027D8

 D027D8

FFFFFF

 B200BC

 FF6BFF

 9500A0

 FF89FF

 780085

 FFA7FF

 5B006B

 FFC5FF

 400053

 FFE3FF

 22003A

 000123

 00000B

 000000

 D027D8

 D027D8

 CF11D8

 D13DD8

 CE00D8

 D252D8

 D368D8

 D47DD8

 D593D8

 D6A9D8

 D7BED8

 D8D4D8

 D9E9D8

Harmonies

Analogous

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



406AFF



D027D8



FF0089

Triad

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



D027D8



9E7500



009CC3

Complementary

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



D027D8



2FD827

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.



009A6F



D027D8



4C8B00

Square

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



D027D8



DA4B00



009600



0098FF

Rectangle

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



D027D8



FF0053



009600



009CA8

Sweetspot

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



D027D8



FCBFFF



2730D8



7E5980



000000



808080

Same Dimension

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



D027D8



F405FF



D82788



6B606B



A300AB



29002B

Inverse Universe

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



D8272F



FF0510



27D877



6B6061



AB0008



2B0002

Previews

White Background



This preview shows how the Hex color D027D8 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

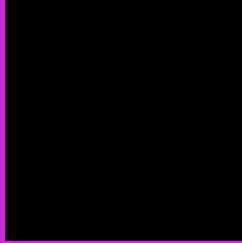
Any Text WCAG AA ✓ Pass

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 D027D8 Background



This preview shows how black text looks on a background with the Hex color D027D8.

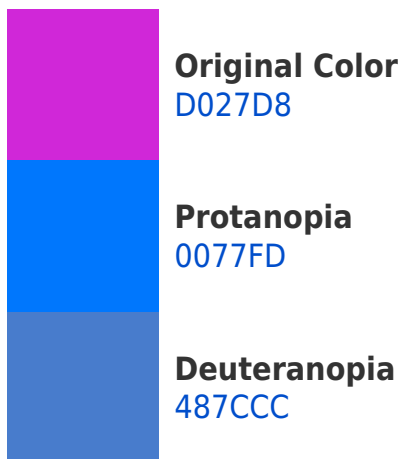


This preview shows how white text looks on a background with the Hex color D027D8.

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
C25A61

Trichromacy



Original Color
D027D8



Protanomaly
4C5AF0



Deuteranomaly
795DD0



Tritanomaly
C7478C

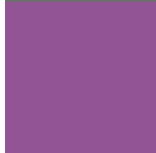
Monochromacy



Original Color
D027D8



Achromatopsia
6E6E6E



Achromatomaly
925495

CSS Examples

Text

The CSS property to change the color of the text to Hex D027D8 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 #D027D8 looks like.

```
.text, #text, p{  
  color:#D027D8  
}
```

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 #D027D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D027D8
}
```

Border

The CSS property to change the border of an element to Hex D027D8 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
#D027D8 }
```

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

```
.border{ border-color:#D027D8 }
```

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

Here you see how a box with a 4 pixel #D027D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D027D8; -webkit-box-shadow:4px 4px  
4px 4px #D027D8; box-shadow:4px 4px 4px  
4px #D027D8 }
```

Background

The CSS property to change the background color of an element to Hex D027D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D027D8 }
```

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

```
.background{ background-color:#D027D8 }
```

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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