

Converting Colors

Hex(C027E6)

Have a look what the booklet for
Hex(C027E6) contains.

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Color

Hex(C027E6)

Conversions

Conversions Part 1

Format	Color
Hex	C027E6
RGB	192, 39, 230
RGB Percent	75%, 15%, 90%
CMY	0.2471, 0.8471, 0.0980
CMYK	0.17, 0.83, 0.00, 0.10
HSL	288°, 79%, 53%
HSV	288°, 83%, 90%
XYZ	36.7467, 18.3707, 76.4720
YIQ	106.5210, 29.8770, 91.8370

Conversions

Conversions Part 2

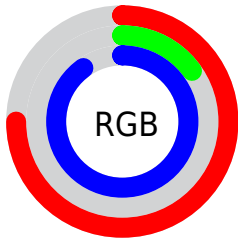
Format	Color
RYB	192, 39, 230
Decimal	12593126
CIELab	49.94, 80.01, -64.08
CIELCh	50, 102.512, 321.308
Yxy	18.3707, 0.2793, 0.1396
Android (android.graphics.Color)	4290783206 (0xFFC027E6)
YUV	106.5210, 60.8751, 74.9651
Hunter-Lab	42.8610, 78.0292, -75.7817

Details

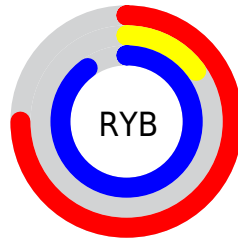
The Hex color **C027E6** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **4DE627**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FD6AFF**, and **8500AD** is the 20% darker color. If you saturate the color by 10%, you get **BB10E6**, and if you desaturate by 10%, it is **C53EE6**.

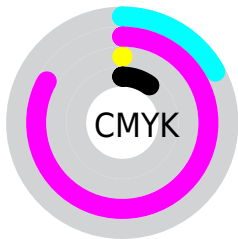
Distribution



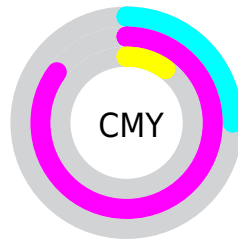
- Red (75%)
- Green (15%)
- Blue (90%)



- Red (75%)
- Yellow (15%)
- Blue (90%)



- Cyan (17%)
- Magenta (83%)
- Yellow (0%)
- Black (10%)



- Cyan (25%)
- Magenta (85%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color C027E6 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 C027E6 by changing the saturation by 10% instead.

 C027E6

 C027E6

FFFFFF

 A200C9

 FD6AFF

 8500AD

 FF87FF

 680092

 FFA5FF

 4A0077

 FFC2FF

 2F005E

 FFE0FF

 040045

FFFEFF

 00032D

 000118

 000000

 C027E6

 C027E6

 BB10E6

 C53EE6

 B800E6

 C955E6

 CE6CE6

 D283E6

 D79AE6

 DBB1E6

 E0C8E6

 E5DFE6

 E9F6E6

Harmonies

Analogous

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



006DFF



C027E6



FD0094

Triad

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



C027E6



A66B00



0098B5

Complementary

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



C027E6



4DE627

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.



00965A



C027E6



548500

Square

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



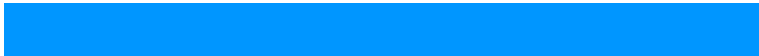
C027E6



E23300



009100



0096FF

Rectangle

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



C027E6



FF005B



009100



009897

Sweetspot

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



C027E6



F2BFFF



274DE6



785980



000000



808080

Same Dimension

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



C027E6



CC00FF



E627AD



706773



8F00B3



290033

Inverse Universe

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



E6274D



FF0033



27E660



73676A



B30024



33000A

Previews

White Background



This preview shows how the Hex color C027E6 looks on a white background.

Color Contrast Check

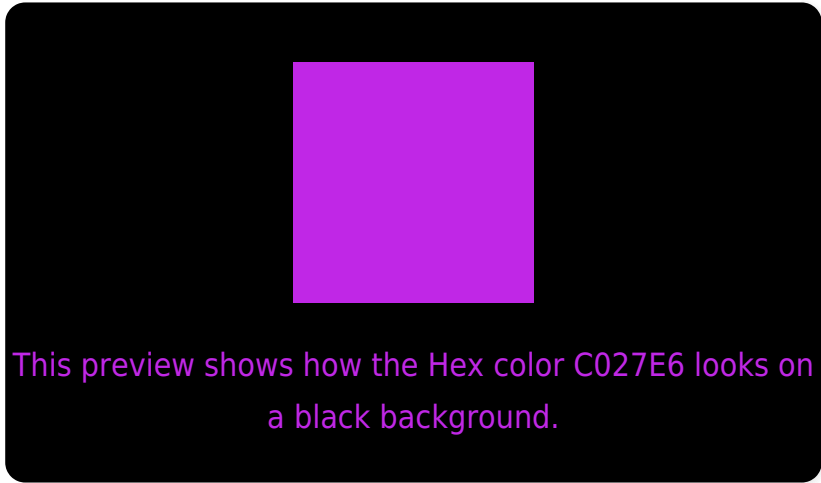
Large Text (above 18pt) WCAG AA ✓ Pass

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

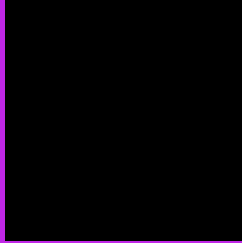
Any Text WCAG AA ✓ Pass

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 C027E6 Background



This preview shows how black text looks on a background with the Hex color C027E6.



This preview shows how white text looks on a background with the Hex color C027E6.

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
AE5F66

Trichromacy



Original Color
C027E6



Protanomaly
4657EE



Deuteranomaly
465BDC



Tritanomaly
B54B95

Monochromacy



Original Color
C027E6



Achromatopsia
6B6B6B



Achromatomaly
8A5298

CSS Examples

Text

The CSS property to change the color of the text to Hex C027E6 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 #C027E6 looks like.

```
.text, #text, p{  
    color:#C027E6  
}
```

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 #C027E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C027E6
}
```

Border

The CSS property to change the border of an element to Hex C027E6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

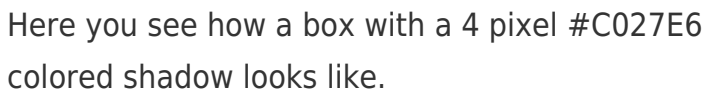
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C027E6 }
```

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

```
.border{ border-color:#C027E6 }
```

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



Here you see how a box with a 4 pixel `#C027E6` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C027E6; -webkit-box-shadow:4px 4px  
4px 4px #C027E6; box-shadow:4px 4px 4px  
4px #C027E6 }
```

Background

The CSS property to change the background color of an element to Hex C027E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C027E6 }
```

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

```
.background{ background-color:#C027E6 }
```

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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