

Converting Colors

Hex(C727D5)

Have a look what the booklet for
Hex(C727D5) contains.

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Color

Hex(C727D5)

Conversions

Conversions Part 1

Format	Color
Hex	C727D5
RGB	199, 39, 213
RGB Percent	78%, 15%, 84%
CMY	0.2196, 0.8471, 0.1647
CMYK	0.07, 0.82, 0.00, 0.16
HSL	295°, 69%, 49%
HSV	295°, 82%, 84%
XYZ	36.2889, 18.3972, 64.5892
YIQ	106.6760, 39.5060, 88.0340

Conversions

Conversions Part 2

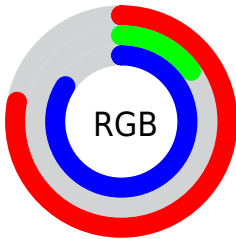
Format	Color
RYB	199, 39, 213
Decimal	13051861
CIELab	49.97, 78.36, -54.30
CIELCh	50, 95.331, 325.280
Yxy	18.3972, 0.3042, 0.1542
Android (android.graphics.Color)	4291241941 (0xFFC727D5)
YUV	106.6760, 52.4177, 80.9681
Hunter-Lab	42.8920, 75.9596, -59.2578

Details

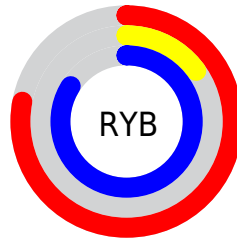
The Hex color **C727D5** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **35D527**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF6AFF**, and **8C009D** is the 20% darker color. If you saturate the color by 10%, you get **C512D5**, and if you desaturate by 10%, it is **C93CD5**.

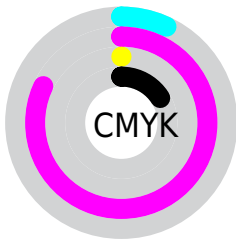
Distribution



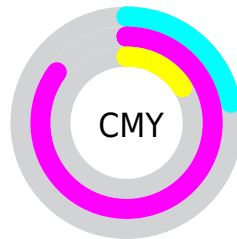
- Red (78%)
- Green (15%)
- Blue (84%)



- Red (78%)
- Yellow (15%)
- Blue (84%)



- Cyan (7%)
- Magenta (82%)
- Yellow (0%)
- Black (16%)



- Cyan (22%)
- Magenta (85%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color C727D5 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 C727D5 by changing the saturation by 10% instead.

 C727D5

 C727D5

FFFFFF

 A900B9

 FF6AFF

 8C009D

 FF88FF

 700083

 FFA5FF

 530069

 FFC3FF

 390050

 FFE0FF

 190038

 000221

 000006

 000000

 C727D5

 C727D5

 C512D5

 C93CD5

 C400D5

 CA52D5

 CC67D5

 CE7CD5

 D092D5

 D1A7D5

 D3BCD5

 D5D1D5

 D6E7D5

Harmonies

Analogous

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



2868FF



C727D5



F80087

Triad

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



C727D5



9C7000



0097BB

Complementary

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



C727D5



35D527

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.



009567



C727D5



4D8600

Square

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



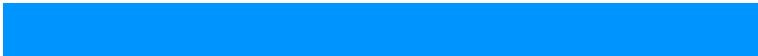
C727D5



D64500



009100



0094FE

Rectangle

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



C727D5



FD0052



009100



0097A0

Sweetspot

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



C727D5



FABFFF



2735D5



7C5980



000000



808080

Same Dimension

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



C727D5



EB05FF



D5278C



6A606B



9D00AB



28002B

Inverse Universe

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



D52735



FF0519



27D570



6B6061



AB000E



2B0003

Previews

White Background



This preview shows how the Hex color C727D5 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

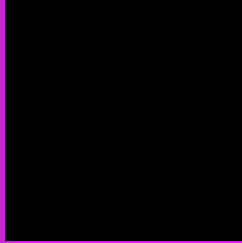
Any Text WCAG AA ✓ Pass

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 C727D5 Background



This preview shows how black text looks on a background with the Hex color C727D5.

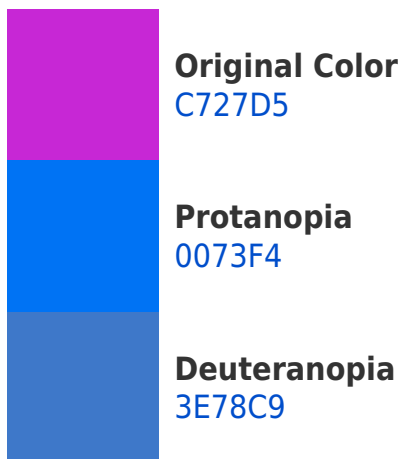


This preview shows how white text looks on a background with the Hex color C727D5.

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
B95960

Trichromacy



Original Color
C727D5



Protanomaly
4857E9



Deuteranomaly
705BCD



Tritanomaly
BE478B

Monochromacy



Original Color
C727D5



Achromatopsia
6B6B6B



Achromatomaly
8C5292

CSS Examples

Text

The CSS property to change the color of the text to Hex C727D5 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 #C727D5 looks like.

```
.text, #text, p{  
    color:#C727D5  
}
```

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 #C727D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C727D5
}
```

Border

The CSS property to change the border of an element to Hex C727D5 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
#C727D5 }
```

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

```
.border{ border-color:#C727D5 }
```

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

Here you see how a box with a 4 pixel #C727D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C727D5; -webkit-box-shadow:4px 4px  
4px 4px #C727D5; box-shadow:4px 4px 4px  
4px #C727D5 }
```

Background

The CSS property to change the background color of an element to Hex C727D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C727D5 }
```

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

```
.background{ background-color:#C727D5 }
```

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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