

Converting Colors

Hex(C628D7)

Have a look what the booklet for
Hex(C628D7) contains.

Hex(C628D7)	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>	28

Color

Hex(C628D7)

Conversions

Conversions Part 1

Format	Color
Hex	C628D7
RGB	198, 40, 215
RGB Percent	78%, 16%, 84%
CMY	0.2235, 0.8431, 0.1569
CMYK	0.08, 0.81, 0.00, 0.16
HSL	294°, 69%, 50%
HSV	294°, 81%, 84%
XYZ	36.3132, 18.4296, 65.9333
YIQ	107.1920, 37.9930, 87.9210

Conversions

Conversions Part 2

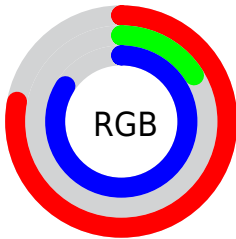
Format	Color
RYB	198, 40, 215
Decimal	12986583
CIELab	50.01, 78.27, -55.39
CIELCh	50, 95.886, 324.715
Yxy	18.4296, 0.3009, 0.1527
Android (android.graphics.Color)	4291176663 (0xFFC628D7)
YUV	107.1920, 53.1493, 79.6386
Hunter-Lab	42.9298, 75.8617, -61.0092

Details

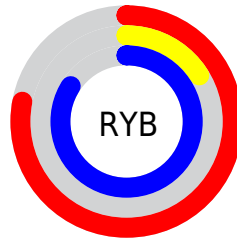
The Hex color **C628D7** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **39D728**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF6AFF**, and **8B009F** is the 20% darker color. If you saturate the color by 10%, you get **C413D7**, and if you desaturate by 10%, it is **C83ED7**.

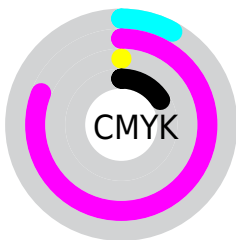
Distribution



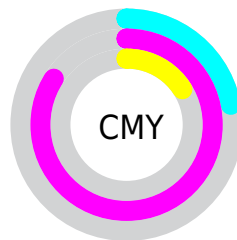
- Red (78%)
- Green (16%)
- Blue (84%)



- Red (78%)
- Yellow (16%)
- Blue (84%)



- Cyan (8%)
- Magenta (81%)
- Yellow (0%)
- Black (16%)



- Cyan (22%)
- Magenta (84%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color C628D7 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 C628D7 by changing the saturation by 10% instead.

 C628D7

 C628D7

FFFFFF

 A800BB

 FF6AFF

 8B009F

 FF88FF

 6F0084

 FFA5FF

 52006A


 FFC3FF

 380052

 FFE1FF

 170039

 000223

 000009

 000000

 C628D7

 C628D7

 C413D7

 C83ED7

 C200D7

 CA53D7

 CC69D7

 CE7ED7

 D094D7

 D3A9D7

 D5BFD7

 D7D4D7

 D9EAD7

Harmonies

Analogous

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



1868FF



C628D7



F90089

Triad

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



C628D7



9D6F00



0097BA

Complementary

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



C628D7



39D728

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.



009566



C628D7



4E8600

Square

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



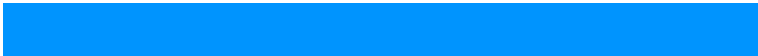
C628D7



D74300



009100



0094FE

Rectangle

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



C628D7



FE0054



009100



00979F

Sweetspot

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



C628D7



F9C2FF



2839D7



7C5B80



000000



808080

Same Dimension

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



C628D7



E705FF



D72891



6A606B



9A00AB



27002B

Inverse Universe

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



D72839



FF051D



28D76E



6B6061



AB0011



2B0004

Previews

White Background



This preview shows how the Hex color C628D7 looks on a white background.

Color Contrast Check

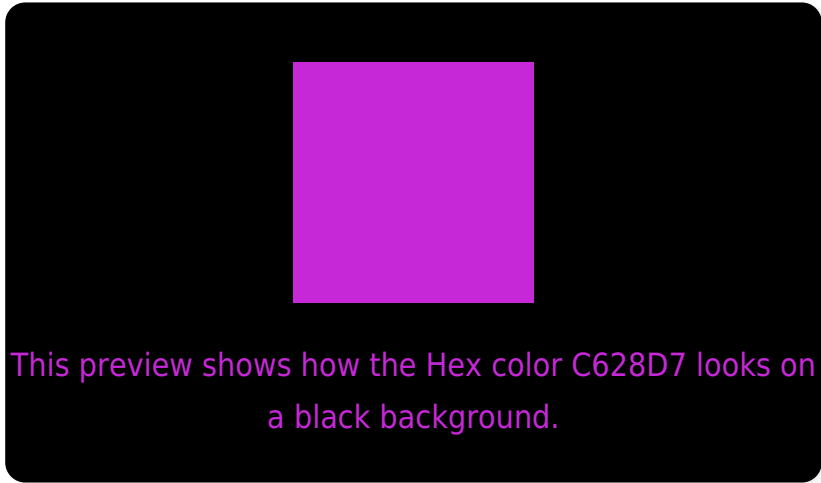
Large Text (above 18pt) WCAG AA ✓ Pass

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

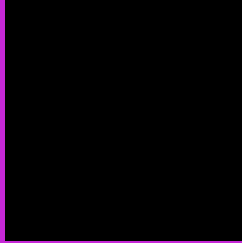
Any Text WCAG AA ✓ Pass

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 C628D7 Background



This preview shows how black text looks on a background with the Hex color C628D7.

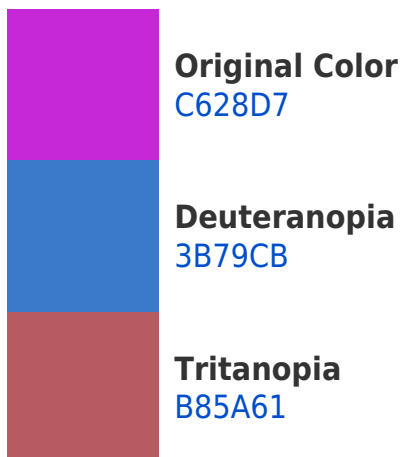


This preview shows how white text looks on a background with the Hex color C628D7.

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
C628D7



Deuteranomaly
6E5CCF



Tritanomaly
BD488C

Monochromacy



Original Color
C628D7



Achromatopsia
6B6B6B



Achromatomaly
8C5392

CSS Examples

Text

The CSS property to change the color of the text to Hex C628D7 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 #C628D7 looks like.

```
.text, #text, p{  
    color:#C628D7  
}
```

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 #C628D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C628D7
}
```

Border

The CSS property to change the border of an element to Hex C628D7 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".

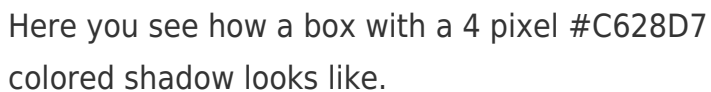
```
.border, #border, table{ border:4px solid
#C628D7 }
```

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

```
.border{ border-color:#C628D7 }
```

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

Here you see how a box with a 4 pixel #C628D7 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C628D7; -webkit-box-shadow:4px 4px  
4px 4px #C628D7; box-shadow:4px 4px 4px  
4px #C628D7 }
```

Background

The CSS property to change the background color of an element to Hex C628D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C628D7 }
```

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

```
.background{ background-color:#C628D7 }
```

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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