

Converting Colors

Hex(CD4CE0)

Have a look what the booklet for
Hex(CD4CE0) contains.

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Color

Hex(CD4CE0)

Conversions

Conversions Part 1

Format	Color
Hex	CD4CE0
RGB	205, 76, 224
RGB Percent	80%, 30%, 88%
CMY	0.1961, 0.7020, 0.1216
CMYK	0.08, 0.66, 0.00, 0.12
HSL	292°, 70%, 59%
HSV	292°, 66%, 88%
XYZ	41.2158, 23.5298, 72.8904
YIQ	131.4430, 29.3760, 73.3760

Conversions

Conversions Part 2

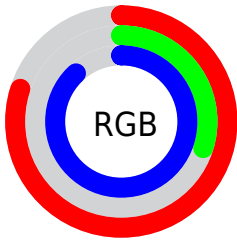
Format	Color
R _{YB}	205, 76, 224
Decimal	13454560
CIE _{Lab}	55.61, 69.77, -51.49
CIE _{LCh}	56, 86.712, 323.576
Yxy	23.5298, 0.2995, 0.1710
Android (android.graphics.Color)	4291644640 (0xFFCD4CE0)
YUV	131.4430, 45.6306, 64.5095
Hunter-Lab	48.5076, 66.7793, -55.1375

Details

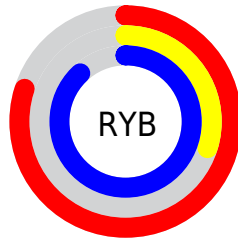
The Hex color **CD4CE0** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **5FE04C**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF86FF**, and **9300A8** is the 20% darker color. If you saturate the color by 10%, you get **CA36E0**, and if you desaturate by 10%, it is **D062E0**.

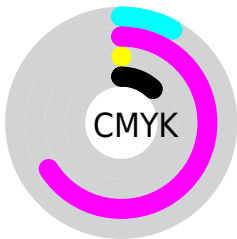
Distribution



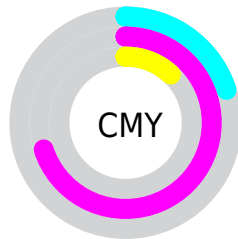
- Red (80%)
- Green (30%)
- Blue (88%)



- Red (80%)
- Yellow (30%)
- Blue (88%)



- Cyan (8%)
- Magenta (66%)
- Yellow (0%)
- Black (12%)



- Cyan (20%)
- Magenta (70%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD4CE0 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 CD4CE0 by changing the saturation by 10% instead.

 CD4CE0

 CD4CE0

FFFFFF

 B02CC4

 FF86FF

 9300A8

 FFA2FF

 77008D

 FFBFFF

 5B0073

 FFDCCF

 3F005A

 FFFAFF

 240041

 00002A

 000114

 000000

 CD4CE0

 CD4CE0

 CA36E0

 D062E0

 C71FE0

 D379E0

 C409E0

 D68FE0

 C300E0

 D9A6E0

 DBBCE0

 DED2E0

 E1E9E0

 E4FFE0

 E7FFE0

Harmonies

Analogous

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



4A79FF



CD4CE0



FE0499

Triad

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



CD4CE0



AF7D00



00A5C0

Complementary

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



CD4CE0



5FE04C

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.



00A372



CD4CE0



689300

Square

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



CD4CE0



E45800



009E1C



00A1FF

Rectangle

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



CD4CE0



FF0267



009E1C



00A5A7

Sweetspot

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



CD4CE0



F8CCFF



4C60E0



7C6180



000000



808080

Same Dimension

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



CD4CE0



E536FF



E04CAA



6F6570



9900B0



2A0030

Inverse Universe

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



E04C5F



FF364F



4CE082



706566



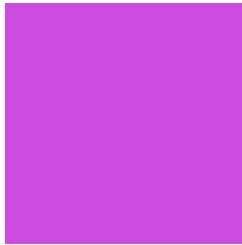
B00017



300006

Previews

White Background



This preview shows how the Hex color CD4CE0 looks on a white background.

Color Contrast Check

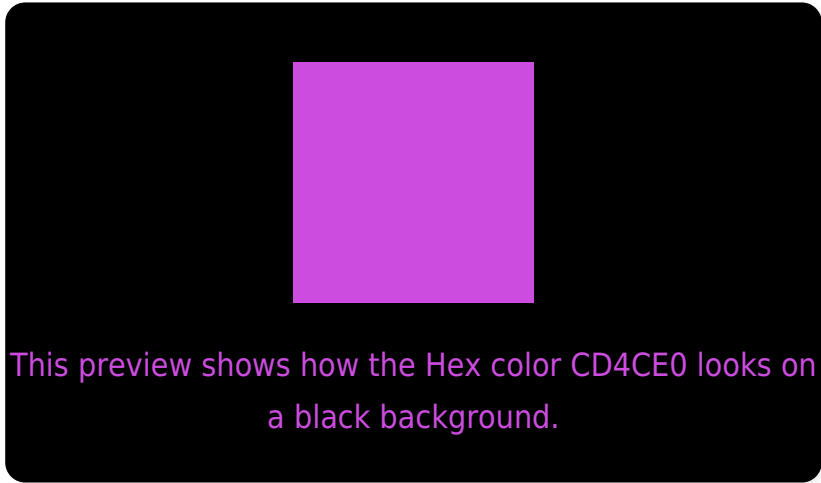
Large Text (above 18pt) WCAG AA ✓ Pass

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

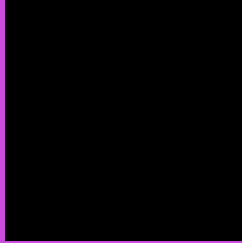
Any Text WCAG AA ✓ Pass

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 CD4CE0 Background



This preview shows how black text looks on a background with the Hex color CD4CE0.

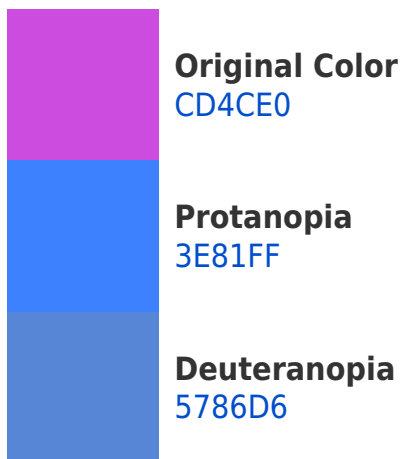



This preview shows how white text looks on a background with the Hex color CD4CE0.

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](#).

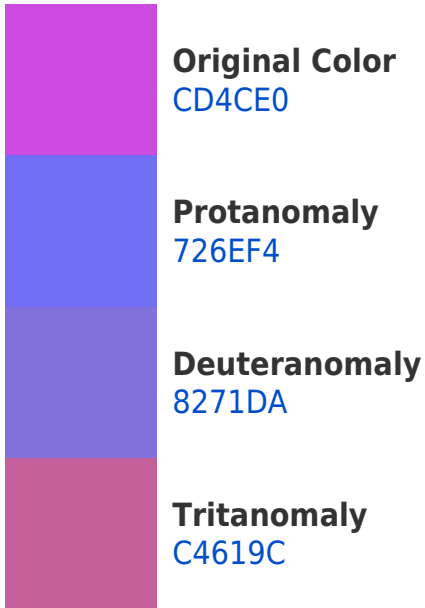
Dichromacy



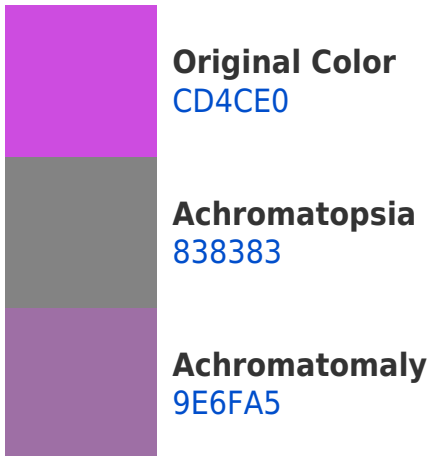


Tritanopia
BF6D75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CD4CE0 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 #CD4CE0 looks like.

```
.text, #text, p{  
    color:#CD4CE0  
}
```

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 #CD4CE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD4CE0
}
```

Border

The CSS property to change the border of an element to Hex CD4CE0 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
#CD4CE0 }
```

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

```
.border{ border-color:#CD4CE0 }
```

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

Here you see how a box with a 4 pixel #CD4CE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD4CE0; -webkit-box-shadow:4px 4px  
4px 4px #CD4CE0; box-shadow:4px 4px 4px  
4px #CD4CE0 }
```

Background

The CSS property to change the background color of an element to Hex CD4CE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD4CE0 }
```

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

```
.background{ background-color:#CD4CE0 }
```

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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