

Converting Colors

Hex(C200E2)

Have a look what the booklet for
Hex(C200E2) contains.

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Color

Hex(C200E2)

Conversions

Conversions Part 1

Format	Color
Hex	C200E2
RGB	194, 0, 226
RGB Percent	76%, 0%, 89%
CMY	0.2392, 1.0000, 0.1137
CMYK	0.14, 1.00, 0.00, 0.11
HSL	292°, 100%, 44%
HSV	292°, 100%, 89%
XYZ	35.9756, 16.9603, 73.3290
YIQ	83.7700, 43.0780, 111.4140

Conversions

Conversions Part 2

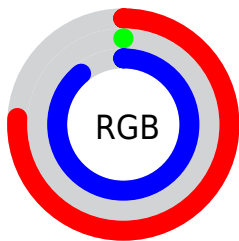
Format	Color
RYB	194, 0, 226
Decimal	12714210
CIELab	48.21, 84.91, -64.60
CIElCh	48, 106.695, 322.737
Yxy	16.9603, 0.2849, 0.1343
Android (android.graphics.Color)	4290904290 (0xFFC200E2)
YUV	83.7700, 70.1194, 96.6717
Hunter-Lab	41.1829, 83.8598, -76.7420

Details

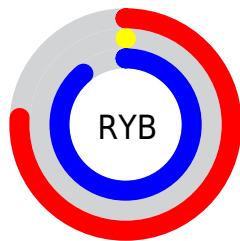
The Hex color **C200E2** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed magenta. A complement of this color would be **20E200**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF5CFF**, and **8700A9** is the 20% darker color. If you saturate the color by 10%, you get **C200E2**, and if you desaturate by 10%, it is **C517E2**.

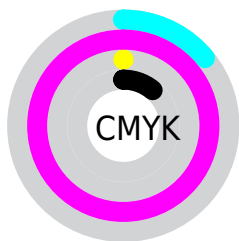
Distribution



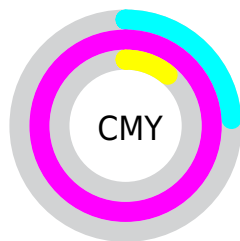
- Red (76%)
- Green (0%)
- Blue (89%)



- Red (76%)
- Yellow (0%)
- Blue (89%)



- Cyan (14%)
- Magenta (100%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (100%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color C200E2 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 C200E2 by changing the saturation by 10% instead.

 C200E2

 C200E2

FFFFFF

 A400C5

 FF5CFF

 8700A9

 FF7BFF

 69008E

 FF99FF

 4C0074

 FFB7FF

 2F005A

 FFD5FF

 060042

 FFF4FF

 00032A

 000114

 000000

 C200E2

 C517E2

 C82DE2

 CC44E2

 CF5AE2

 D271E2

 D588E2

 D89EE2

 DCB5E2

 DFCBE2

Harmonies

Analogous

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



0066FF



C200E2



FE008D

Triad

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



C200E2



9E6800



0094B7

Complementary

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



C200E2



20E200

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.



009259



C200E2



468200

Square

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



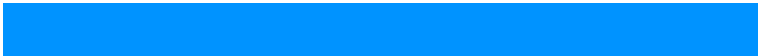
C200E2



DD2C00



008D00



0093FF

Rectangle

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



C200E2



FF0052



008D00



009398

Sweetspot

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



C200E2



F4B3FF



0022E2



795280



000000



808080

Same Dimension

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



C200E2



DB00FF



E20093



6F6570



9700B0



2A0030

Inverse Universe

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



E20020



FF0024



00E24F



706567



B00019



300007

Previews

White Background



This preview shows how the Hex color C200E2 looks on a white background.

Color Contrast Check

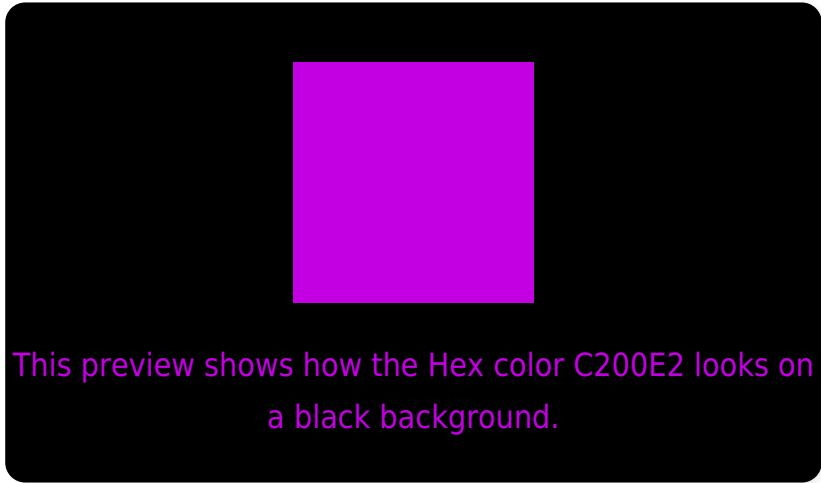
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

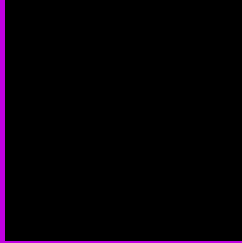
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C200E2 Background



This preview shows how black text looks on a background with the Hex color C200E2.

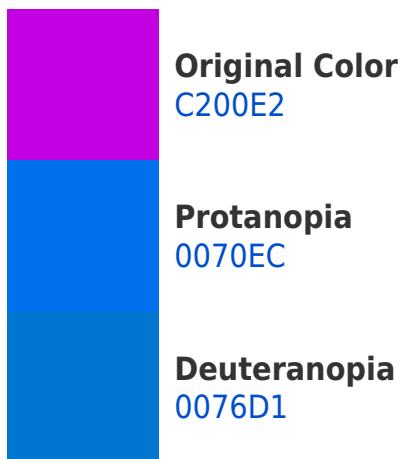



This preview shows how white text looks on a background with the Hex color C200E2.

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
B1595F

Trichromacy



Original Color
C200E2



Protanomaly
4747E8



Deuteranomaly
474BD7



Tritanomaly
B7398F

Monochromacy



Original Color
C200E2



Achromatopsia
545454



Achromatomaly
7C3588

CSS Examples

Text

The CSS property to change the color of the text to Hex C200E2 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 #C200E2 looks like.

```
.text, #text, p{  
    color:#C200E2  
}
```

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 #C200E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C200E2
}
```

Border

The CSS property to change the border of an element to Hex C200E2 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".

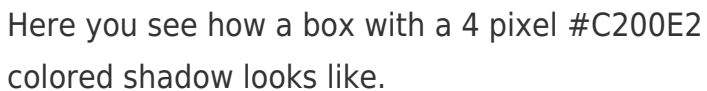
```
.border, #border, table{ border:4px solid
#C200E2 }
```

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

```
.border{ border-color:#C200E2 }
```

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

Here you see how a box with a 4 pixel #C200E2 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #C200E2 color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C200E2; -webkit-box-shadow:4px 4px  
4px 4px #C200E2; box-shadow:4px 4px 4px  
4px #C200E2 }
```

Background

The CSS property to change the background color of an element to Hex C200E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C200E2 }
```

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

```
.background{ background-color:#C200E2 }
```

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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