

Converting Colors

Hex(C100E4)

Have a look what the booklet for
Hex(C100E4) contains.

Hex(C100E4)	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>	29

Color

Hex(C100E4)

Conversions

Conversions Part 1

Format	Color
Hex	C100E4
RGB	193, 0, 228
RGB Percent	76%, 0%, 89%
CMY	0.2431, 1.0000, 0.1059
CMYK	0.15, 1.00, 0.00, 0.11
HSL	291°, 100%, 45%
HSV	291°, 100%, 89%
XYZ	35.9959, 16.9389, 74.7711
YIQ	83.6990, 41.8400, 111.8240

Conversions

Conversions Part 2

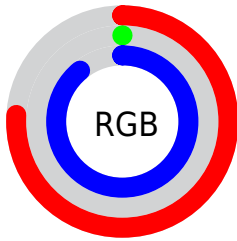
Format	Color
RYB	193, 0, 228
Decimal	12648676
CIELab	48.18, 85.10, -65.79
CIELCh	48, 107.565, 322.293
Yxy	16.9389, 0.2819, 0.1326
Android (android.graphics.Color)	4290838756 (0xFFC100E4)
YUV	83.6990, 71.1404, 95.8570
Hunter-Lab	41.1569, 84.0920, -78.9044

Details

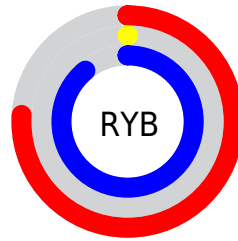
The Hex color **C100E4** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed magenta. A complement of this color would be **23E400**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FE5CFF**, and **8500AB** is the 20% darker color. If you saturate the color by 10%, you get **C100E4**, and if you desaturate by 10%, it is **C517E4**.

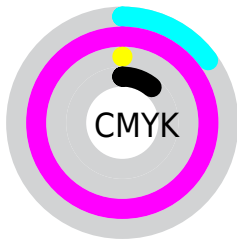
Distribution



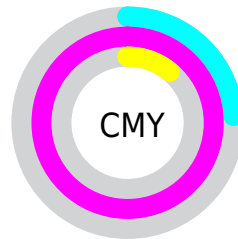
- Red (76%)
- Green (0%)
- Blue (89%)



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



- Cyan (15%)
- Magenta (100%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color C100E4 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 C100E4 by changing the saturation by 10% instead.

 C100E4

 C100E4

FFFFFF

 A300C7

 FE5CFF

 8500AB

 FF7BFF

 680090

 FF99FF

 4A0076

 FFB7FF

 2E005C

 FFD5FF

 020043

 FFF3FF

 00032C

 000116

 000000

 C100E4

 C517E4

 C82EE4

 CC44E4

 CF5BE4

 D372E4

 D689E4

 DAA0E4

 DDB6E4

 E1CDE4

Harmonies

Analogous

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



0067FF



C100E4



FE008E

Triad

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



C100E4



9F6700



0094B6

Complementary

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



C100E4



23E400

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.



009257



C100E4



478100

Square

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



C100E4



DE2900



008D00



0093FF

Rectangle

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



C100E4



FF0053



008D00



009497

Sweetspot

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



C100E4



F3B3FF



0026E4



785280



000000



808080

Same Dimension

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



C100E4



D800FF



E40098



716773



9700B3



2B0033

Inverse Universe

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



E40023



FF0027



00E44C



736769



B3001B



330008

Previews

White Background



This preview shows how the Hex color C100E4 looks on a white background.

Color Contrast Check

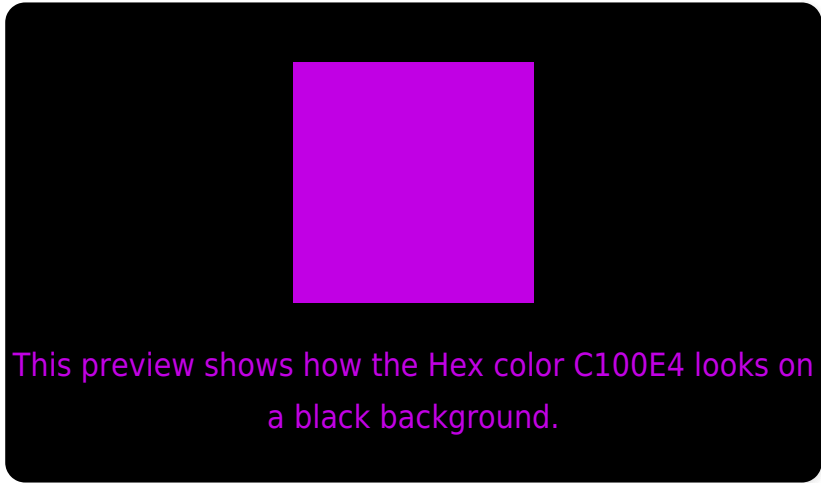
Large Text (above 18pt) WCAG AA ✓ Pass

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

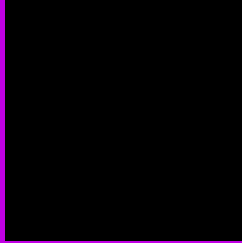
Any Text WCAG AA × Fail

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 C100E4 Background



This preview shows how black text looks on a background with the Hex color C100E4.



This preview shows how white text looks on a background with the Hex color C100E4.

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



Original Color
C100E4

Protanopia
0070EC

Deuteranopia
0076D0



Tritanopia
AF5960

Trichromacy



Original Color
C100E4



Protanomaly
4647E9



Deuteranomaly
464BD7



Tritanomaly
B63990

Monochromacy



Original Color
C100E4



Achromatopsia
545454



Achromatomaly
7C3588

CSS Examples

Text

The CSS property to change the color of the text to Hex C100E4 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 #C100E4 looks like.

```
.text, #text, p{  
    color:#C100E4  
}
```

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 #C100E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C100E4
}
```

Border

The CSS property to change the border of an element to Hex C100E4 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".

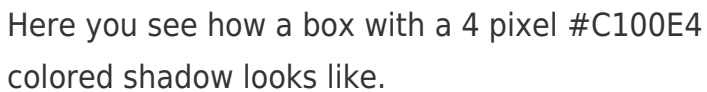
```
.border, #border, table{ border:4px solid
#C100E4 }
```

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

```
.border{ border-color:#C100E4 }
```

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

Here you see how a box with a 4 pixel #C100E4 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 to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C100E4; -webkit-box-shadow:4px 4px  
4px 4px #C100E4; box-shadow:4px 4px 4px  
4px #C100E4 }
```

Background

The CSS property to change the background color of an element to Hex C100E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C100E4 }
```

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

```
.background{ background-color:#C100E4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor