

Converting Colors

Hex(C400C4)

Have a look what the booklet for
Hex(C400C4) contains.

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Color

Hex(C400C4)

Conversions

Conversions Part 1

Format	Color
Hex	C400C4
RGB	196, 0, 196
RGB Percent	77%, 0%, 77%
CMY	0.2314, 1.0000, 0.2314
CMYK	0.00, 1.00, 0.00, 0.23
HSL	300°, 100%, 38%
HSV	300°, 100%, 77%
XYZ	32.7288, 15.7213, 53.5341
YIQ	80.9480, 53.9000, 102.5080

Conversions

Conversions Part 2

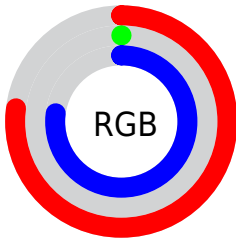
Format	Color
R_{YB}	196, 0, 196
Decimal	12845252
CIE _{Lab}	46.61, 80.60, -49.91
CIE _{LCh}	47, 94.802, 328.233
Yxy	15.7213, 0.3209, 0.1542
Android (android.graphics.Color)	4291035332 (0xFFC400C4)
YUV	80.9480, 56.7206, 100.9006
Hunter-Lab	39.6501, 77.9534, -52.2961

Details

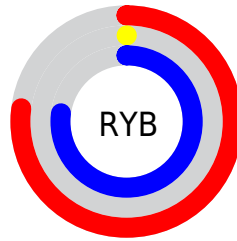
The Hex color **C400C4** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **00C400**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5BFD**, and **89008D** is the 20% darker color. If you saturate the color by 10%, you get **C400C4**, and if you desaturate by 10%, it is **C414C4**.

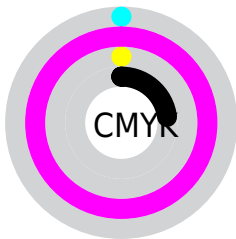
Distribution



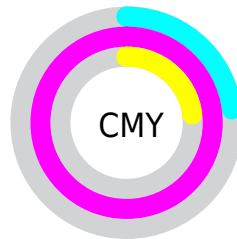
- Red (77%)
- Green (0%)
- Blue (77%)



- Red (77%)
- Yellow (0%)
- Blue (77%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (23%)



- Cyan (23%)
- Magenta (100%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color C400C4 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 C400C4 by changing the saturation by 10% instead.

 C400C4

 C400C4

FFFFFF

 A600A8

 FF5BFD

 89008D

 FF79FF

 6C0073

 FF97FF

 50005A

 FFB5FF

 350042

 FFD3FF

 14002A

 FFF1FF

 000114

 000000

 C400C4

 C414C4

 C427C4

 C43BC4

 C44EC4

 C462C4

 C476C4

 C489C4

 C49DC4

 C4B0C4

Harmonies

Analogous

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



3F5BFE



C400C4



EF0077

Triad

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



C400C4



8B6A00



008DB9

Complementary

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



C400C4



00C400

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.



008C67



C400C4



387F00

Square

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



C400C4



C64200



008800



008AF8

Rectangle

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



C400C4



F00043



008800



008D9F

Sweetspot

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



C400C4



FFB3FF



0000C4



805280



000000



808080

Same Dimension

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



C400C4



FF00FF



C40062



615761



A100A1



210021

Inverse Universe

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



C400C4



FF00FF



00C462



615761



A100A1



210021

Previews

White Background



This preview shows how the Hex color C400C4 looks on a white background.

Color Contrast Check

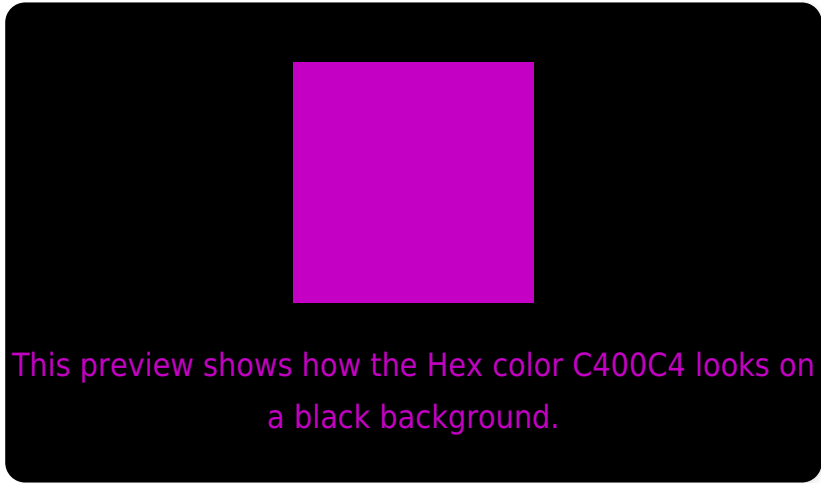
Large Text (above 18pt) WCAG AA ✓ Pass

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

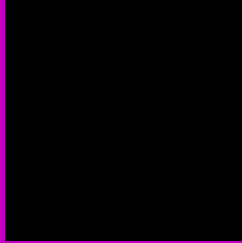
Any Text WCAG AA × Fail

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 C400C4 Background



This preview shows how black text looks on a background with the Hex color C400C4.

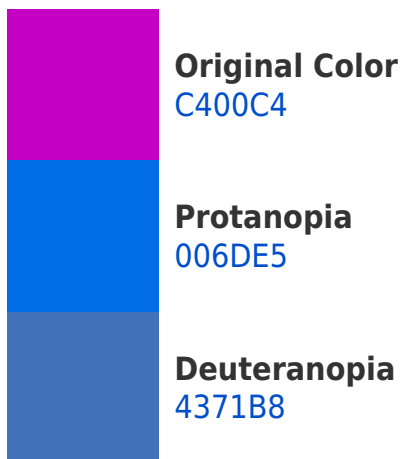


This preview shows how white text looks on a background with the Hex color C400C4.

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
B84D52

Trichromacy



Original Color
C400C4



Protanomaly
4745D9



Deuteranomaly
7248BC



Tritanomaly
BC317B

Monochromacy



Original Color
C400C4



Achromatopsia
515151



Achromatomaly
7B347B

CSS Examples

Text

The CSS property to change the color of the text to Hex C400C4 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 #C400C4 looks like.

```
.text, #text, p{  
    color:#C400C4  
}
```

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 #C400C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C400C4
}
```

Border

The CSS property to change the border of an element to Hex C400C4 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
#C400C4 }
```

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

```
.border{ border-color:#C400C4 }
```

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

Here you see how a box with a 4 pixel #C400C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C400C4; -webkit-box-shadow:4px 4px  
4px 4px #C400C4; box-shadow:4px 4px 4px  
4px #C400C4 }
```

Background

The CSS property to change the background color of an element to Hex C400C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C400C4 }
```

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

```
.background{ background-color:#C400C4 }
```

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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