

Converting Colors

Hex(C300C6)

Have a look what the booklet for
Hex(C300C6) contains.

Hex(C300C6)	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(C300C6)

Conversions

Conversions Part 1

Format	Color
Hex	C300C6
RGB	195, 0, 198
RGB Percent	76%, 0%, 78%
CMY	0.2353, 1.0000, 0.2235
CMYK	0.02, 1.00, 0.00, 0.22
HSL	299°, 100%, 39%
HSV	299°, 100%, 78%
XYZ	32.6987, 15.6793, 54.7291
YIQ	80.8770, 52.6620, 102.9180

Conversions

Conversions Part 2

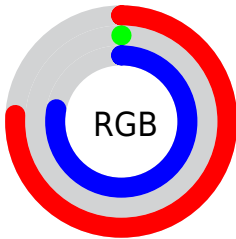
Format	Color
RYB	195, 0, 198
Decimal	12779718
CIELab	46.55, 80.73, -51.17
CIELCh	47, 95.585, 327.631
Yxy	15.6793, 0.3171, 0.1521
Android (android.graphics.Color)	4290969798 (0xFFC300C6)
YUV	80.8770, 57.7416, 100.0859
Hunter-Lab	39.5971, 78.1077, -54.2296

Details

The Hex color **C300C6** 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 **03C600**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5BFF**, and **88008F** is the 20% darker color. If you saturate the color by 10%, you get **C300C6**, and if you desaturate by 10%, it is **C314C6**.

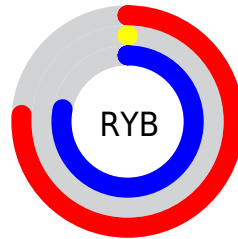
Distribution



Red (76%)

Green (0%)

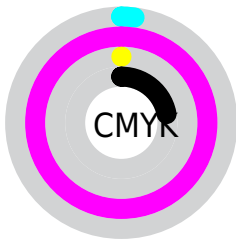
Blue (78%)



Red (76%)

Yellow (0%)

Blue (78%)

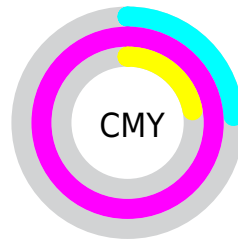


Cyan (2%)

Magenta (100%)

Yellow (0%)

Black (22%)



Cyan (24%)

Magenta (100%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color C300C6 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 C300C6 by changing the saturation by 10% instead.

 C300C6

 C300C6

FFFFFF

 A500AA

 FF5BFF

 88008F

 FF79FF

 6B0075

 FF97FF

 4F005C

 FFB5FF

 340043

 FFD3FF

 13002C

 FFF1FF

 000116

 000000

 C300C6

 C314C6

 C428C6

 C43BC6

 C44FC6

 C463C6

 C577C6

 C58BC6

 C59EC6

 C6B2C6

Harmonies

Analogous

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



365CFF



C300C6



EF0079

Triad

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



C300C6



8C6A00



008DB8

Complementary

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



C300C6



03C600

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.



008C66



C300C6



397E00

Square

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



C300C6



C74000



008800



008AF8

Rectangle

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



C300C6



F10044



008800



008D9D

Sweetspot

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



C300C6



FEB3FF



0003C6



7F5280



000000



808080

Same Dimension

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



C300C6



FB00FF



C60066



635A63



A100A3



230024

Inverse Universe

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



C60003



FF0004



00C660



635A5A



A30002



240001

Previews

White Background



This preview shows how the Hex color C300C6 looks on a white background.

Color Contrast Check

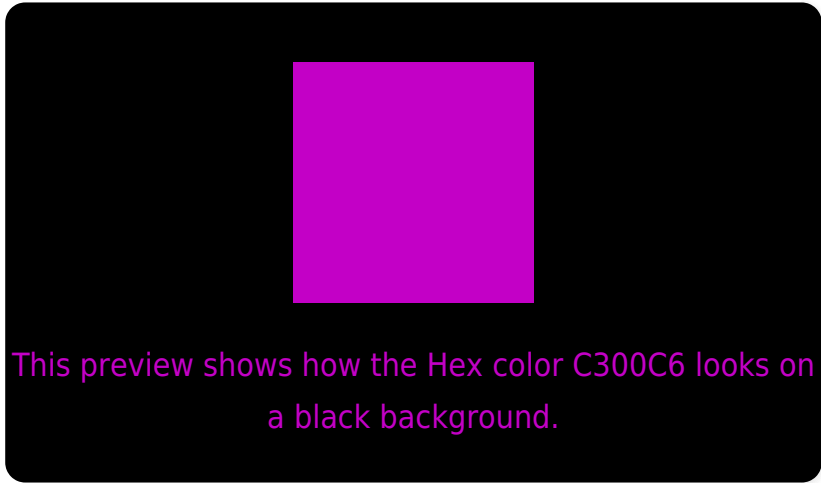
Large Text (above 18pt) WCAG AA ✓ Pass

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

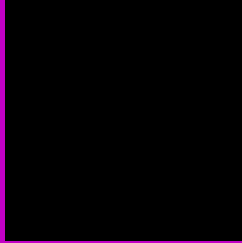
Any Text WCAG AA × Fail

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 C300C6 Background



This preview shows how black text looks on a background with the Hex color C300C6.

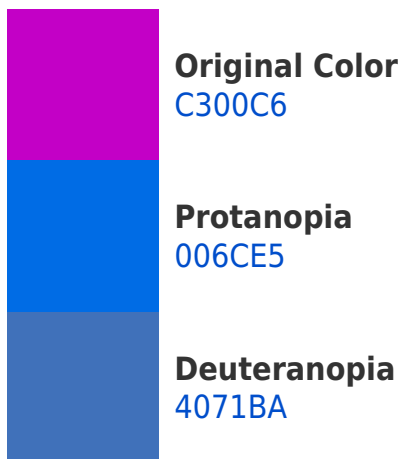


This preview shows how white text looks on a background with the Hex color C300C6.

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
B64E53

Trichromacy



Original Color
C300C6



Protanomaly
4745DA



Deuteranomaly
7048BE



Tritanomaly
BB327D

Monochromacy



Original Color
C300C6



Achromatopsia
515151



Achromatomaly
7A347C

CSS Examples

Text

The CSS property to change the color of the text to Hex C300C6 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 #C300C6 looks like.

```
.text, #text, p{  
    color:#C300C6  
}
```

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 #C300C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C300C6
}
```

Border

The CSS property to change the border of an element to Hex C300C6 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".

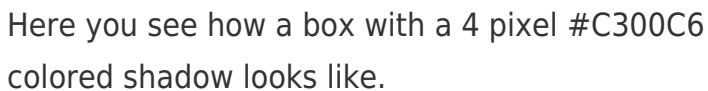
```
.border, #border, table{ border:4px solid
#C300C6 }
```

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

```
.border{ border-color:#C300C6 }
```

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

Here you see how a box with a 4 pixel #C300C6 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 #C300C6; -webkit-box-shadow:4px 4px  
4px 4px #C300C6; box-shadow:4px 4px 4px  
4px #C300C6 }
```

Background

The CSS property to change the background color of an element to Hex C300C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C300C6 }
```

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

```
.background{ background-color:#C300C6 }
```

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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