

Converting Colors

Hex(C303B0)

Have a look what the booklet for
Hex(C303B0) contains.

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Color

Hex(C303B0)

Conversions

Conversions Part 1

Format	Color
Hex	C303B0
RGB	195, 3, 176
RGB Percent	76%, 1%, 69%
CMY	0.2353, 0.9882, 0.3098
CMYK	0.00, 0.98, 0.10, 0.24
HSL	306°, 97%, 39%
HSV	306°, 98%, 76%
XYZ	30.3747, 14.8018, 42.3304
YIQ	80.1300, 58.8990, 94.5070

Conversions

Conversions Part 2

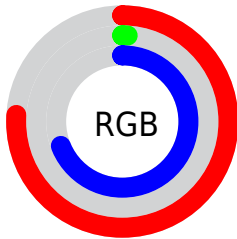
Format	Color
RYB	195, 3, 176
Decimal	12780464
CIELab	45.36, 77.35, -40.17
CIELCh	45, 87.164, 332.555
Yxy	14.8018, 0.3471, 0.1692
Android (android.graphics.Color)	4290970544 (0xFFC303B0)
YUV	80.1300, 47.2639, 100.7410
Hunter-Lab	38.4731, 73.5986, -38.3032

Details

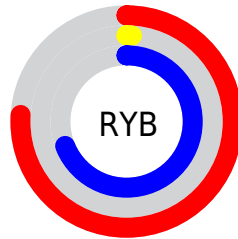
The Hex color **C303B0** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as dark washed rose. A complement of this color would be **03C316**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5AE8**, and **88007B** is the 20% darker color. If you saturate the color by 10%, you get **C300B0**, and if you desaturate by 10%, it is **C316B2**.

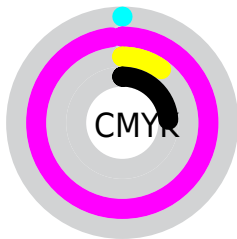
Distribution



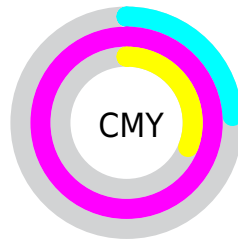
- Red (76%)
- Green (1%)
- Blue (69%)



- Red (76%)
- Yellow (1%)
- Blue (69%)



- Cyan (0%)
- Magenta (98%)
- Yellow (10%)
- Black (24%)



- Cyan (24%)
- Magenta (99%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color C303B0 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 C303B0 by changing the saturation by 10% instead.

 C303B0

 C303B0

FFFFFF

 A50095

 FF5AE8

 88007B

 FF79FF

 6C0061

 FF96FF

 500049

 FFB4FF

 350032

 FFD1FF

 12001B

 FFF0FF

 000000

 C303B0

 C303B0

 C300B0

 C316B2

 C32AB4

 C33DB6

 C351B8

 C364BA

 C378BC

 C38BBE

 C39FBF

 C3B3C1

Harmonies

Analogous

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



6354E9



C303B0



E30069

Triad

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



C303B0



7E6B00



0088B9

Complementary

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



C303B0



03C316

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.



008770



C303B0



2B7C00

Square

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



C303B0



B64A00



00841E



0084EE

Rectangle

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



C303B0



E2003A



00841E



0088A2

Sweetspot

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



C303B0



FCB1F5



1303C3



80527B



000000



808080

Same Dimension

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



C303B0



FC00E3



C30353



615760



A10091



21001E

Inverse Universe

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



C303B0



FC00E3



03C373



615760



A10091



21001E

Previews

White Background



This preview shows how the Hex color C303B0 looks on a white background.

Color Contrast Check

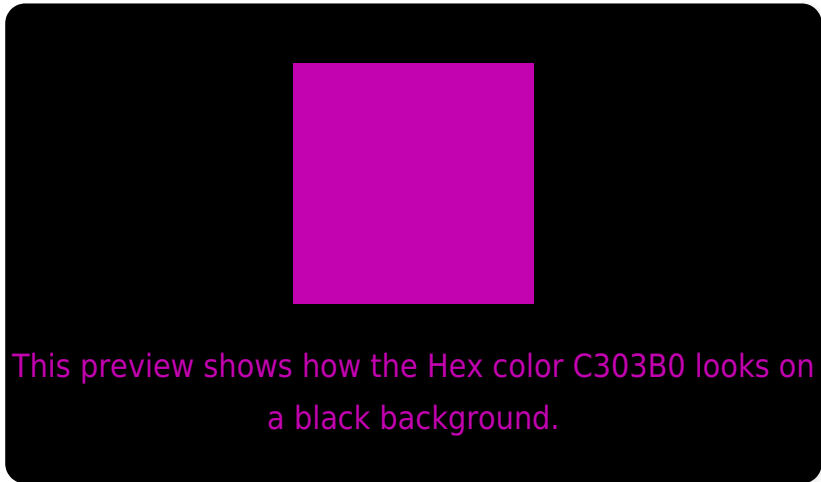
Large Text (above 18pt) WCAG AA ✓ Pass

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

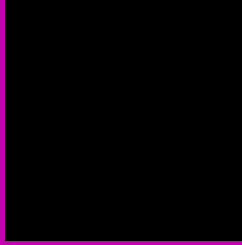
Any Text WCAG AA × Fail

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 C303B0 Background



This preview shows how black text looks on a background with the Hex color C303B0.

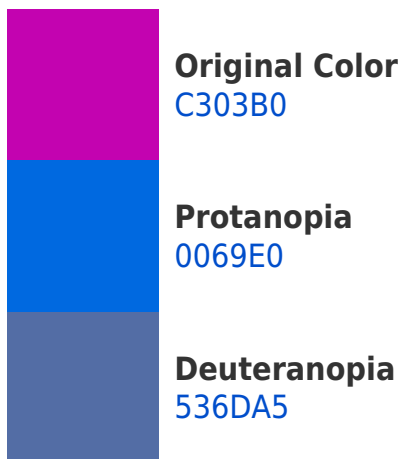


This preview shows how white text looks on a background with the Hex color C303B0.

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
B94549

Trichromacy



Original Color
C303B0



Protanomaly
4744CF



Deuteranomaly
7C46A9



Tritanomaly
BD2D6E

Monochromacy



Original Color
C303B0



Achromatopsia
505050



Achromatomaly
7A3473

CSS Examples

Text

The CSS property to change the color of the text to Hex C303B0 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 #C303B0 looks like.

```
.text, #text, p{  
    color:#C303B0  
}
```

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 #C303B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C303B0
}
```

Border

The CSS property to change the border of an element to Hex C303B0 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
#C303B0 }
```

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

```
.border{ border-color:#C303B0 }
```

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

Here you see how a box with a 4 pixel #C303B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C303B0; -webkit-box-shadow:4px 4px  
4px 4px #C303B0; box-shadow:4px 4px 4px  
4px #C303B0 }
```

Background

The CSS property to change the background color of an element to Hex C303B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C303B0 }
```

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

```
.background{ background-color:#C303B0 }
```

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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